

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

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SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85
USAFETAC/DS-85/023 F/G 4/2

115

UNCLASSIFIED

F/G 4/2

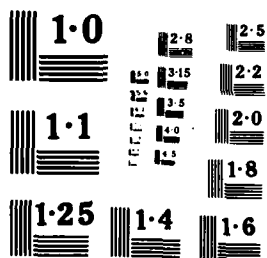
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1. MESSAGE
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PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - NOV 84
SUMMARY OF DAY DATA: JUL 53 - NOV 84
TIME CONVERSION GMT TO LST: -9

19 JUN 1985

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FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE

AD-4159 611

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04	02		*climatology *weather Meteorological conditions		
			(continued over)		
19. ABSTRACT (Continue on reverse if necessary and identify by block number) A six-part statistical data summary of surface weather observation climatology for: CAPE ROMANZOF AFS ALASKA. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs) for complete descriptions of contents and instructions for use.					
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DD FORM 1473, 84 MAR

83 APR edition may be used until exhausted.

All other editions are obsolete

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18. Subject terms cont.

winds	preceipitation	temperature	visibility
barometric pressure	relative humidity		
sky cover	psychrometric data	ceiling	

Revised Uniform Summary of Surface Weather Observations
RUSSWO

CAPE ROMANZOF AFS ALASKA

USAK 702120

UNCLASSIFIED

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
702120	CAPE ROMANZOF ALASKA AFS	N 61 47	W 166 02	457	PACZ	702120

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Cape Romanzof, Alaska	AFS	Apr 53	Dec 53	N 61 47	W 165 52	17	Ugh	13-24
2	Cape Romanzof, Alaska	AFS	3 Dec 53	Feb 55	N 61 47	W 165 52	17	Ugh	13-24
3	No Change	AFS	Mar 55	Feb 56	N 61 47	W 165 52	17	Ugh	13-24
4	No Change	AFS	Mar 56	Feb 57	N 61 47	W 165 52	17	Ugh	13-24
5	No Change	AFS	Mar 57	Feb 58	N 61 47	W 165 52	17	Ugh	13-24
6	No Change	AFS	Mar 58	Feb 59	N 61 47	W 165 52	17	Ugh	13-24
7	No Change	AFS	Mar 59	Feb 60	N 61 47	W 165 52	17	Ugh	13-24
8	Same	AFS	May 60	Feb 61	Same	Same	457	Same	13-24
9	Same	AFS	Aug 61	Nov 64	Same	Same	457	Same	13-24
10	Same (Contract)	AFS	Dec 64	Present	Same	Same	457	Same	13-24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS - ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 54 - Feb 55	Located 30 Ft. N of Weather Station	W-100	Line	15 Ft.	
2	Mar 55 - Feb 60	Located 20 Ft. NNE of Weather Station	W-100	W-100	15 Ft.	
3	Mar 60 - Feb 65	Located 500 Ft. NE of Weather Station. and 100 Ft. from touch down point of runway.	W-100	W-100	15 Ft.	
4	Mar 65 - Feb 66	Located 50 Ft. S of Center Line and 100 Ft. from touch down point of runway.	W-100	W-100	15 Ft.	

USAF ETAC FORM APR 66 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 68-	Located 300 Ft. E of Center Line and 560 Ft. from end of Runway.	N/GMQ-11	None	11 Ft.	
6	Dec 83	Same	Same	Same	Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

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Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

3

CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

78-120
STATION

CAPE ROMANCOF AFB TX
STATION NAME

78-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS	HUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-04		.6	1.2	27.1		28.7	21.9		17.6		32.2	645
	05-09		1.9	.5	26.3		28.6	20.1		14.4		31.0	646
	10-14		2.0	.8	29.2		30.5	19.7		10.6		30.3	650
	15-19		1.4	.6	33.8		34.6	24.3		17.0		34.1	651
	20-24		1.7	.2	28.0		29.3	29.8		19.9		38.0	651
	25-31		.8	.9	26.4		27.9	29.2		18.3		37.2	651
	01-05		1.2	1.7	29.6		32.0	30.1		14.6		38.4	651
	06-10		1.1	1.5	29.3		31.2	29.0		14.7		33.9	651
	11-15												
	16-20												
	21-25												
	26-30												
	31-01												
TOTALS			1.4	.9	28.7		30.3	25.0		18.3		34.7	5200

10

USAFETAC FORM 10-5 OF 1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY - RAOON
- KASSTAN
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

127
STATION.

CAPE ROMAN, OF AFS AK
STATION NAME

78-24

YFAPS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OF DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
Feb	20-22		4.1	.7	19.2		21.2	20.0		17.6		10.5	592
	23-24		3.4		13.6		19.4	18.4		17.4		31.5	588
	26-28		2.7	.3	18.2		19.4	19.2		21.3		33.2	588
	29-31		3.5	.2	16.9		19.2	27.3		21.4		38.1	593
	1-14		4.2	.2	14.3		17.2	27.6		18.2		38.4	594
	15-17		4.7	.5	12.0		17.0	25.3		17.2		35.5	594
	18-20		2.0	.3	12.8		15.3	25.4		17.5		33.2	594
	21-23		3.2	.6	15.3		17.3	21.5		17.7		30.3	594
TOTALS			3.5	.3	16.0		18.4	23.1		18.5		33.9	4735

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3

1. ALG. COUNTRY NAME
2. CITY
3. STATION NAME

WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

100 STATION NAME: WAFB - WMAN OF AFS AM STATION NAME: 14-67, 69-84 YEARS: ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS PER DAY	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN DAILY			11.1	4.1	50.0		33.3	53.3		11.1		72.2	727
FEB			7.1	1.3	44.4		2.2	44.4	52.2	1.1	52.2	73.3	644
MAR			1.4	2.1	51.1		53.2	53.3	1.1	41.1		71.2	722
APR			12.5	4.7	51.1		43.5	53.4	1.7	41.1		76.1	741
MAY			42.3	1.7	39.3		55.6	53.3		4.2		53.7	735
JUN			1.1	55.1	1.3	4.5		57.6	52.5	1.1		52.7	743
JUL			1.3	74.3		1.4		74.3	5.1	1.1		52.4	791
AUG			1.5	51.7		1.2	1.1	51.7	51.6	1.1		51.3	843
SEP			1.2	72.6	1.2	13.2	1.2	51.1	44.4	1.4	1.1	45.3	804
OCT			35.9	2.6	64.2		32.6	42.1	1.4	17.7		51.4	772
NOV			21.7	1.3	69.6		74.7	44.8	1.3	43.6		67.4	735
DEC			11.9	2.2	57.7		59.4	47.2		53.4		70.4	714
TOTALS			1.1	37.5	1.5	76.6	1.1	66.5	53.2	1.3	25.4	53.4	8967

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

WEATHER CONDITIONS

STATION

STATION NAME

YEARS

MONTH

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3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72.120
STATIONCAPE ROMANZOF AFS AK
STATION NAME

77-84

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.4	.9	28.7		22.3	25.0		18.3		34.7	5200
FEB			3.6	.3	16.0		18.4	23.1		18.6		33.9	4735
MAR			1.2	.1	22.1		22.6	22.8		18.4		33.3	5208
APR			3.5	.6	26.1		29.0	33.4		11.2		36.3	5040
MAY			13.5	.6	9.4		22.4	17.2		.7		17.7	5208
JUN		.1	28.9		.7		29.0	21.0				21.0	5040
JUL			34.6				34.6	27.1				27.1	5208
AUG			34.1		.0		34.1	23.5				23.5	5952
SEP			31.8	.0	2.3	.0	33.0	13.6				13.6	5760
OCT			13.3	.3	23.8		35.9	11.9		5.0		16.2	5952
NOV			5.7	.7	30.5		35.5	16.2	.0	13.3		26.2	5729
DEC			3.1	.6	27.6		30.2	18.8		21.3		34.3	5208
TOTALS		.1	14.6	.3	15.6	.0	29.6	21.1	.0	9.0		26.5	64240



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JULY 64

WEATHER CONDITIONS

77-83

YEARS

DEC
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
JAN	00-02		2.6	.3	29.2		31.3	16.7		23.7		34.7	651
	03-05		2.9	.6	29.2		32.0	15.7		24.0		35.5	651
	06-08		2.4	.5	29.5		32.0	15.5		23.0		33.5	651
	09-11		2.9	.5	30.6		32.9	18.1		21.2		33.8	651
	12-14		3.2	.5	27.3		30.3	23.0		18.0		35.2	651
	15-17		3.5	.5	23.7		26.6	23.0		18.0		34.3	651
	18-20		3.1	.6	25.8		28.7	20.6		22.1		34.1	651
	21-23		2.8	.9	25.2		28.1	16.7		24.1		33.6	651
TOTALS			3.1	.6	27.6		30.2	18.8		21.8		34.3	5208

WEATHER CONDITIONS

7-120
STATION

CAPE ROMAN, OF AFS AK
STATION NAME

77-84

YEAPSS

NON
NON

MONTH	HOURS SET	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SANDS	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		7.0	.4	31.4		36.1	10.3		11.7		19.6	717
	03-05		5.6	.6	31.4		36.3	10.5		12.3		20.1	717
	06-08		4.5	1.1	32.2		36.1	11.7	.1	10.6		23.6	717
	09-11		6.0	1.0	30.0		35.7	16.5		16.1		27.6	717
	12-14		5.2	.8	27.1		32.2	20.4		14.4		20.2	717
	15-17		6.1	.6	29.6		35.2	24.0	.1	14.9		33.1	716
	18-20		5.2	.8	29.4		34.6	20.6	.1	13.0		29.1	714
	21-23		5.9	.1	33.2		27.7	10.5		13.3		25.9	714
TOTALS			5.7	.7	30.5		35.5	16.2	.2	13.8		26.2	5729

3
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

77-120 STATION CAPE ROMANZOF AFS AK STATION NAME 77-84 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		11.0		25.1		34.8	10.5		4.7		14.9	744
	03-05		12.6	.1	28.6		38.2	8.9		5.7		14.5	744
	06-08		13.4	.1	30.4		42.3	9.9		5.0		14.5	744
	09-11		12.8	.4	24.1		36.6	12.8		6.6		17.7	744
	12-14		12.8	.4	22.2		34.3	14.1		4.7		17.5	744
	15-17		15.7		16.7		31.0	13.7		3.8		16.7	744
	18-20		13.6	.7	19.1		32.4	12.5		4.3		16.5	744
	21-23		14.2	.3	24.1		37.2	12.9		4.7		17.6	744
TOTALS			13.3	.3	23.6		35.9	11.9		5.0		16.2	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70.120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-84

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		29.4		2.6		31.1	13.8				13.1	720
	03-05		30.7		3.3		32.6	13.1				13.1	720
	06-08		34.9		2.6		36.7	16.8				16.8	720
	09-11		33.3		2.1		34.3	17.4				17.4	720
	12-14		33.6	.1	1.5	.1	34.3	13.2				13.2	720
	15-17		32.4		1.8		32.6	12.1				12.1	720
	18-20		30.7		1.9		31.7	11.1				11.1	720
	21-23		29.0		2.4		30.0	11.5				11.5	720
TOTALS			31.8	.0	2.3	.0	33.0	13.6				13.6	5760

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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

77-120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-84

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02		32.6				33.6	25.0				25.0	744
	03-05		33.6				33.6	25.7				25.7	744
	06-08		34.3		.1		34.3	25.5				25.5	744
	09-11		37.4				37.4	26.5				26.5	744
	12-14		34.3				34.3	21.1				21.1	744
	15-17		33.5				33.5	19.5				19.5	744
	18-20		32.5				32.5	19.9				19.9	744
	21-23		33.2				33.2	24.9				24.9	744
TOTALS			34.1		.0		34.1	23.5				23.5	5952

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JULYAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

700120
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02		33.2				33.2	30.6				30.6	651
	03-05		31.6				31.6	33.0				33.0	651
	06-08		35.6				35.6	36.6				36.6	651
	09-11		38.6				38.6	31.0				31.0	651
	12-14		37.3				37.3	23.8				23.8	651
	15-17		36.4				36.4	18.6				18.6	651
	18-20		30.6				30.6	19.5				19.5	651
	21-23		33.3				33.3	23.7				23.7	651
TOTALS			34.6				34.6	27.1				27.1	5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724120
STATION

CAPE ROMAN OF AFS AK
STATION NAME

76-84

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02		24.6		1.1		24.8	23.5				23.5	630
	03-05		24.1		1.0		24.4	23.0				23.0	630
	06-08		31.3		.5		31.4	26.7				26.7	630
	09-11		32.2		1.0		32.2	22.1				22.1	630
	12-14	.2	33.7		.6		33.7	17.0				17.0	630
	15-17		30.0		.5		30.0	16.5				16.5	630
	18-20	.2	26.4		.3		26.4	18.4				18.4	630
	21-23		26.8		.3		27.1	21.1				21.1	630
TOTALS		.1	28.9		.7		29.0	21.0				21.0	5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

WEATHER CONDITIONS

72-137
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02		14.3		9.7		23.2	18.0		.9		18.7	651
	03-05		13.5	.2	10.8		23.8	20.4		.9		21.4	651
	06-08		10.0	.6	12.0		21.4	23.8		.9		24.0	651
	09-11		11.2	.9	9.8		20.4	19.7		.5		20.1	651
	12-14		14.7	1.5	10.8		25.5	16.3		.5		16.7	651
	15-17		15.8	1.1	7.5		23.0	12.4		.5		12.9	651
	18-20		14.1	.3	7.5		21.4	12.9		.5		13.4	651
	21-23		14.0		7.2		20.4	14.3		.5		14.7	651
TOTALS			13.5	.6	9.4		22.4	17.2		.7		17.7	5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITION

70-120 STATION CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

APP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS -1ST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		3.0	.2	28.4		31.0	30.6		10.6		34.1	630
	03-05		2.9	.6	29.2		31.7	27.6		12.2		31.9	630
	06-08		3.2	.6	25.6		28.4	31.0		13.3		34.6	630
	09-11		2.5	1.1	24.0		26.0	34.3		13.0		36.5	630
	12-14		3.3	.8	25.6		27.9	34.9		12.2		37.1	630
	15-17		4.4	.5	25.6		28.7	36.0		10.8		38.7	630
	18-20		4.8	.5	24.6		28.3	36.5		8.7		38.4	630
	21-23		4.1	.6	25.9		29.8	36.5		8.7		39.2	630
TOTALS			3.5	.6	26.1		29.0	33.4		11.2		36.3	5740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIC

70.120
STATION

CAPE ROMANOF AFS AK
STATION NAME

78-84

YEARS

MA
MON

PERCENTAGE FREQUENCY OF WEATHER CONDITIONS FROM MONTHS

MONTH	WIND SPEED KNOTS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TC NO O
MAR	00-02	.9		25.8		26.3	20.4		19.7		32.9	6
	03-05	1.1	.2	25.7		25.6	20.9		20.7		33.5	6
	06-08	1.4		25.7		26.3	22.0		18.4		33.8	6
	09-11	1.2		21.7		22.3	26.1		16.9		34.7	6
	12-14	1.7	.2	17.7		19.0	24.4		14.7		32.7	6
	15-17	1.2		18.1		19.0	23.3		16.7		32.7	6
	18-20	1.1	.2	20.3		20.7	23.2		19.7		33.0	6
	21-23	.8	.5	21.6		22.7	22.4		20.6		33.3	6
TOTALS		1.2	.1	22.1		22.8	22.8		18.4		33.3	52

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- ✓
- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

3 JOURNAL CLIMATOLOGY BRANCH
INSECTAC
AT WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY
PRECIPITATION
(FROM DAILY OBSERVATIONS)

7 130 STATION CAPE ROMANOF AFS AK 13-64, 69-94 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	47.7	20.2	5.7	11.5	4.4	6.5	3.7	1.4						72.2	774	1.2	4.17	.	
FEB	40.4	23.0	5.4	8.9	5.7	4.2	1.8	1.3	.4					76.2	730	1.0	4.75	7.8	
MAR	44.1	20.9	6.6	13.3	4.6	6.1	2.7	1.3	.4					75.2	775	1.2	5.95	.	
APR	36.4	27.3	5.3	13.9	6.7	5.1	2.2	.7						71.2	454	.5	3.76	.	
MAY	27.3	25.3	5.1	11.3	7.1	6.6	3.7	1.4	.2					76.5	802	1.4	4.57	.	
JUN	34.4	24.6	5.6	9.6	5.1	5.9	7.3	2.2	1.0					46.4	767	2.2	5.96	.	
JUL	27.4	23.1	5.2	14.3	5.9	10.6	7.7	4.4	.9					49.1	736	2.4	6.43	.	
AUG	12.2	18.0	5.7	14.2	10.7	13.1	9.7	6.7	2.5	.1				62.6	733	4.1	9.75	1.	
SEP	20.7	15.6	5.1	15.1	9.4	15.1	9.3	7.0	2.6					63.5	510	4.5	9.95	1.	
OCT	10.5	24.3	6.9	17.7	11.7	10.7	5.7	3.1	.5					56.2	871	2.4	6.09	.	
NOV	24.3	26.2	7.2	16.3	10.1	9.2	2.5	1.2	.5					49.0	406	1.1	5.46	.	
DEC	41.3	22.1	5.3	13.4	6.7	5.4	4.1	1.0	.1					74.6	777	1.5	4.16	4.4	
ANNUAL	33.4	22.6	6.1	13.5	7.3	8.4	5.0	2.6	.8	.0				43.7	9443	26.4			

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

7 120 STATION CAPT ROMAN OF AFS AK
STATION NAME

63-64, 64-64 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
63	.04	1.02	1.00	.34	.64	.14*	.76*	1.03	.76	.47	.4	.74	1.3
64	.71*	.10	.03	.10	.60	.46	1.4	1.78	1.23	.43	.60*	.43	1.2
65	.63	1.19	1.04	.70	.24	1.22	.47	2.77	1.14	.64	.12*	1.04	2.7
66	.00	1.04	.22	.13	.30	.13	.39	1.77	1.20*	.70	.74	.70	1.7
67	.71	.64	.17	.12	.74	.43	.57*	2.14	.47	.74	.44	.17	2.1
68	.74	.16	.42	.70	.77	.64	.71	1.74	1.74	.44	1.47	.70	1.9
69	.4	.44	.74	.14	.64	1.54	.34	.46	.47	.64	1.12	.74	1.3
70	.77	.68	.74	.17	.34	1.63	.40	.75	1.26	.67	.20	.47	1.6
71	.72	.14	.34	.14	.44	.34	.67	.76	1.44	.44	.34	.77	1.4
72	.74	.77	.42	.42	.34	1.03	.42	1.09	1.21	1.14	.4	.7	1.9
73	.14	.64	.19	.25	.4*	.67	1.43	.65	.76	.45	.60	.44	
74	.74	.24	.21	.47	.64*	.89*	.44	2.44	.24	.74	.74*	.74	2.4
75				.19	.24	.62	.25	.41	.47	.74	.24	.74	
76	.44	.14	.74	.47	.74	1.70	.42	1.23	.44	1.40	.64	1.24	1.4
77	.64	.24	.11	.74	.29*	.23*	1.32	.71	1.13*	1.13*	.65	.74	1.5
78	.44	.31	.34	.1*	.24*	.42	1.44	1.37	.44	.27	.44*	.34	1.9
79	.64	.72	.76	.18	.74*	.91	1.45*	.34	.44	.57	.19*	.64	1.4
80	.74	.11	.15	.19	.64	.33*	.67*	.44	.74	.64	.21	.44	.7
81	.74	.33	.70	.70	.24	.33	.46	.72	1.02	.74	.16	.44	1.5
82	.44	.24	.9	.24	.43	1.24	1.14	1.14	.84	.74	.64	.64	1.2
83	.74	.04	.43	.13	.24	1.12	.09	.26	1.03	.14	.64	.74	1.1
84	.14	1.04	.21	.04	.54	1.23	1.33	.64	.64	.74	.11	.54	1.3
85	.74	.74	.24	.54	.31	.42	.36	1.04	.43	1.21	.24	.65	1.9
86	.54	.93	.74	.74	1.24	.75	1.11	.94	1.34	.71	.25	.64	1.3
87	.14	.04	.27	.21	.24	.26	.54	1.36	1.64	.46	.44	.36	1.6
88	.14	.2	.54	.14	.23	.30	.48	1.46	.26	.54	.15		
MEAN	.373	.437	.349	.33	.468	.734	.513	1.177	.957	.664	.460	.49	1.53
S.D.	.24	.369	.210	.230	.233	.463	.435	.666	.44	.294	.231	.248	.35
TOTAL OBS.	774	775	775	54	603	767	798	793	812	831	708	777	944

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/AC

EXTREME VALUES MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION 120 CAPE ROMAN OF ALEX AK
STATION NAME

YEARS 53-64, 69-84

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
54	1.52	1.71	5.26	.59	1.37	.33*	2.25*	7.58	1.42	1.14	.52*	.77	*32.84
55	.71*	.56	.77	.27	2.36	3.88	3.96	5.72	5.11	4.32	1.63*	.49	*26.88
56	1.13	4.26	6.83	3.38	.76	2.58	2.31	7.72	5.62	2.11	.25*	1.80	*36.74
57	.92	1.40	.93	.39	.83	.23	.33	6.65	4.92*	1.97	1.31	.64	*17.18
58	.27	.97	1.21	.24	1.87	3.53	1.46*	5.35	4.55	1.57	.91	.52	*23.95
59	.11	.36	.70	.49	2.50	1.94	7.11	4.65	4.90	1.69	5.46	.38	*26.33
60	3.74	2.33	.39*	.64	1.50	.72	3.20	2.51	3.17	2.23	3.47	2.01	*26.25
61	1.69	.16	.64	.34	1.59	7.14	4.46	7.97	8.91	2.73	1.34	1.31	*29.84
62	1.23	.82	1.43	.41	1.57	1.23	2.17	5.81	7.44	2.11	.72	1.22	*26.34
63	4.17	.46	2.34	1.10	1.68	3.78	2.36	7.83	2.51	2.78	.26	2.22	*31.14
64	.47	1.81	.43	1.26									
69				.19*	1.48	5.32	5.57	3.76	2.75	2.96	2.43	1.21	
70	.11	.77	.28	1.25	.22*	1.93*	4.21	5.35	1.32	2.44	1.75*	.59	*22.57
71				.57	1.49	2.80	1.45	1.13	7.67	1.92	1.22	1.52	
72	1.57	.23	.22	2.74	2.31	3.17	1.63	4.31	2.37	6.22	1.50	2.62	*26.67
73	7.22	.51	.45	.94	.67*	.77*	2.27	6.45	3.45*	4.92*	3.98	2.73	*34.91
74	1.81	1.32	1.47	.24*	.54*	1.21	2.45	2.78	3.31	.79	1.65*	.21	*28.36
75	.22	.88	1.58	.97	1.27*	1.33	2.86*	1.27	1.97	1.00	.33*	.20	*13.60
76	.27*	.23	.54	.60	1.20	.92*	2.19*	2.21	2.31	2.86	.94	1.11	*15.66
77	1.77	.69	.62	1.33	.97	1.11	2.64	7.97	5.11	2.99	.49	2.58	*22.81
78	.89	.71	.32	1.21	1.13	5.96	4.35	5.60	6.32	3.53	2.40	4.16	*36.69
79	2.75	.18	1.53	.12	.97	1.84	.68	1.91	6.61	2.64	3.48	.54	*22.60
80	.51	2.28	1.01	.13	3.39	5.32	4.61	2.21	2.64	1.54	.50	.26	*25.75
81	1.33	1.70	.72	1.27	1.32	1.09	1.81	3.45	2.62	7.77	1.21	7.03	*33.62
82	2.37	1.34	1.68	1.02	4.57	4.21	3.29	5.48	3.92	2.71	.54	.42	*28.18
83	.43	.58	.34	.17	.94	.79	3.18	4.59	7.91	2.78	1.42	1.66	*20.72
84	.91	.54	.91	.25	.32	.73	2.07	4.74	1.00	1.42*	1.23		
MEAN	1.286	1.644	1.291	.738	1.482	2.519	2.942	4.883	4.544	2.475	1.516	1.594	27.833
S.D.	1.171	1.527	1.643	.773	.993	1.715	1.386	1.992	2.421	1.161	1.263	.993	5.697
TOTAL OBS.	774	729	775	294	823	767	726	793	810	871	808	777	9443

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

3 GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY C
SNOWFALL
(FROM DAILY OBSERVATION)

STATION 1210 W Cape Roman, OF AFS AK
STATION NAME

63-67, 69-94

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	42.4	14.6	14.4	9.5	7.7	1.3	.9	.5	.4					71.5	712	1.1	73.0	.4
FEB	41.4	23.7	10.3	7.8	7.3	1.4	.4	.3	.3	.1				74.0	775	7.4	71.5	7.3
MAR	44.2	21.8	18.7	9.3	8.3	1.7	.5	.3	.6	.3				74.0	774	10.4	68.6	.3
APR	44.3	28.1	17.6	11.9	2.4	1.1	.6		.1					73.0	843	7.6	26.3	.7
MAY	52.9	20.6	11.4	6.3	.9	.5	.4		.1					14.8	840	4.7	19.1	7.3
JUN	41.4	6.4	1.1	.7	.5									2.2	614	.5	4.3	.7
JUL	42.7	.3													673	TRACE	TRACE	.7
AUG	44.9	.9			.2									.2	841	.1	3.4	.7
SEP	46.3	10.2	2.7	1.1	.3	.1								3.0	821	.7	5.5	.7
OCT	34.7	28.8	12.3	14.4	3.9	1.6	.4	.4	.1		.1			76.4	828	9.3	79.3	.7
NOV	29.4	27.7	22.7	16.9	3.1	1.2	.4	.6	.2					42.9	844	17.4	73.0	7.3
DEC	42.1	23.4	16.7	11.1	3.3	1.4	1.6	.9	.4					74.7	828	17.7	46.7	7.3
ANNUAL	42.4	17.8	17.7	7.4	1.9	.9	.4	.3	.2	.1	.7			71.2	9973	74.7		

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 AIR FORCE SERVICE

EXTREME VALUES

UNO FALL

FROM DAILY OBSERVATIONS

STATION NAME CAPE ROMAN OF ARMS AK

3-57, 65-64

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64	1.1	3.4	7.1	2.1	1.0	.3*	.0*	.0	TRACE	2.0	.5*	1.0	7.1
65	1.1*	1.0	5.0	1.0	.4	1.0	.0	1.9	TRACE	3.9	5.3*	3.4	6.0
51	5.7	12.0	15.0	1.4	TRACE	TRACE	.0	.0	1.4	3.5	1.2*	TRACE	12.5
52	2.0	TRACE	.0	.0	.0	.0	.0	.0	2.0	3.3	2.4	2.0	3.3
53	.0	1.4	1.7	1.2	1.4	.0	.0	.0	.0	1.3	3.5	1.7	3.5
54	.4	1.0	4.2	2.0	3.0	.0	TRACE	.0	.0	2.0	6.0	2.2	6.0
55	0.5	9.5	.0	1.4	1.5	TRACE	.0	TRACE	TRACE	3.1	5.2	5.1	9.5
56	7.1	.5	2.0	1.0	.7	TRACE	TRACE	TRACE	TRACE	2.0	1.0	2.0	7.1
57	4.1	1.3	5.4	1.4	1.1	1.4	.0	.0	1.1	1.0	3.0	3.7	4.2
58	2.3	2.0	4.2	4.0	2.1	1.5	.0	.0	.0	1.0	1.1	5.0	6.0
59	1.1	5.0	1.7	3.7*	3.1*	.0	.0	.0	TRACE	1.0	3.1		
60	.0	.0	.0	1.2	1.3*	1.1*	.0	.0	.0	1.0*	TRACE	1.0	
61	.0	.0	1.0	1.4	.0	.0	.0	.0*	TRACE				
62	.0	.0	.0	.0	1.0	TRACE	.0	.0	TRACE	.0			
63	.4	2.2	2.1	3.3	.5*	.0	.0	.0	.0	1.1	1.7*	3.0	3.3
71	.0	.0	.0	1.0	1.1	.0	.0	TRACE	TRACE	3.3	2.1	1.0*	
72	4.1	.4	.0	4.2	7.0	2.1	.0	.0	.0	2.4	.0	5.2*	2.0
73	7.1	2.7	1.1	3.0	.0*	TRACE*	.0	.0	.0*	5.5	3.0	6.9*	7.3
74	4.0	3.1	2.0	2.1*	.9*	.0	.0	.0	TRACE	2.7	2.0*	.0	4.0
75	.0	3.4	2.1	1.0	1.0	TRACE	.0*	.0	TRACE	.0	1.0*	.0	3.4
76	.0	.7	1.4	1.0	3.5	TRACE*	.0*	.0	.0	2.4	1.0	4.9	4.0
77	3.0	3.3	2.0	7.0	2.0	.0	.0	.0	TRACE	3.1	1.0	4.5	7.0
78	4.1	2.1	.0	2.0	.0	.0	.0	.0	TRACE	7.0	5.1	4.0	7.0
79	3.1	.0	4.0	.0	TRACE	.0	.0	.0	TRACE	1.3	3.0	.0	4.0
80	1.0	1.2	3.1	.0	3.4	.0	.0	.0	TRACE	1.0	1.7	1.1	1.0
81	3.1	2.1	2.4	1.1	1.5	TRACE	.0	TRACE	.0	3.3	1.0	5.0	5.0
82	5.1	1.9	7.4	3.3	2.2	1.1	.0	.0	TRACE	3.1	1.0	2.0	7.4
83	1.0	.0	2.1	3.0	.0	.0	.0	.0	.0	1.1	1.1	2.0	3.0
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

USAF ETAC FORM 0-88-5 (OLA)

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR FORCE SERVICE/AFAC

EXTREME VALUES MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION AFB ROMAN OF AF STATION NAME AFB ROMAN OF AF YEARS 63-67, 69-84

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
63	0.1	0.1	19.5	1.7	0.1	0.1*	0.1*	0.1	TRACE	7.3	2.7*	3.0	* 81.5
64	1.1	0.5	7.1	3.7	2.0	1.0	0.1	0.4	TRACE	22.4	18.2*	0.1	* 67.6
65	11.2	31.4	0.0	0.0	TRACE	TRACE	0.1	0.1	3.5	1.2	2.5*	TRACE	*131.1
66	0.0	TRACE	0.0	0.0	0.1	0.1	0.0	0.0	4.0	9.2	1.0*	0.4	33.3
67	0.1	0.0	11.5	3.1	4.4	0.1	0.1	0.1	0.0	3.7	7.8	4.1	39.9
68	1.1	3.6	7.0	0.9	7.4	0.0	TRACE	0.0	0.0	0.0	21.7	4.1	59.9
69	13.1	17.9	0.2*	0.0	3.4	TRACE	0.1	TRACE	TRACE	0.0	17.6	17.9	*117.2
70	11.5	1.6	0.4	3.2	1.1	TRACE	TRACE	TRACE	TRACE	10.1	13.0	0.4	58.1
71	16.1	4.3	13.4	4.2	6.7	2.6	0.1	0.0	0.0	11.3	0.4	12.0	81.0
72	10.1	4.4	23.2	11.4	3.0	1.7	0.0	0.0	0.0	0.4	0.3	16.4	81.3
73	0.0	10.2	4.1	13.0*	10.0*	0.0	0.0	0.0	TRACE	11.3	15.0	0.0	
74	0.4	0.0	0.0	0.4*	2.1*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
75	0.4	0.0	0.0	0.4	7.3	0.0	0.0	0.0	TRACE	0.0	0.0	0.0	
76	0.0	0.0	0.0	0.4*	1.0	TRACE	0.0	0.0	TRACE	0.0	17.4	10.0	
77	1.2	0.2	0.0	0.0	1.0*	0.0	0.0	0.0	1.1	4.0	1.7*	0.4	* 55.0
78	14.4	0.0	2.1	20.3	19.1	4.3	0.1	0.0	1.1	7.0	14.5	11.7	102.0
79	25.4	6.4	0.4	0.1	1.0*	TRACE*	0.0	0.0	0.0	0.0	19.1	46.7	*154.7
80	10.1	10.9	7.1	7.9*	1.4*	0.1	0.0	0.0	TRACE	0.4	7.1*	2.0	* 53.0
81	2.4	4.4	7.2	4.6	1.0	TRACE	0.0*	0.0	TRACE	0.3	2.0*	3.1	* 30.5
82	0.7*	1.2	4.4	4.2	4.0	TRACE*	0.0*	0.0	0.0	4.2	0.8	11.1	* 44.1
83	13.3	6.9	7.1	13.3	0.7	0.1	0.0	0.0	TRACE	10.3	3.3	21.7	91.2
84	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	TRACE	0.0	0.0	0.0	
85	18.9	1.1	14.1	2.4	TRACE	0.0	0.0	0.0	TRACE	0.0	11.6	0.4	50.4
86	5.1	9.2	10.1	2.1	4.0	0.0	0.0	0.0	TRACE	23.3	0.5	3.7	66.7
87	13.3	0.2	0.4	4.1	2.4	TRACE	0.0	TRACE	1.0	0.0	10.5	21.7	77.0
88	19.1	3.4	16.6	0.8	0.1	1.6	0.0	0.0	TRACE	10.9	0.0	4.4	83.9
89	4.1	1.8	3.8	10.5	1.0	0.0	0.0	0.0	0.0	5.7	7.8	7.4	43.2
MEAN													
S.D.													
TOTAL OBS													

NOTE: * (TRACED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

JOINT CLIMATELOGY BRANCH
 AFCELTAC
 AIR WEATHER SERVICE/AFAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION CAPE ROMANCE, MISSISSIPPI
 STATION NAME

1967-1984
 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1967	7.1	4.0	0.0	0.0	2.0	0.0	0.0	TRACE	0.0	0.0	12.0		
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
MEAN	1.00	7.19	10.38	7.14	3.99	.54	TRACE	.13	.70	9.74	10.34	13.20	70.40
S D	0.523	0.677	13.747	0.462	4.178	1.393	0.00	0.667	1.412	6.377	6.251	1.650	24.010
TOTAL OBS	70	705	773	443	543	814	873	891	891	893	344	278	9973

NOTE: * (BASED ON LESS THAN FULL MONTHS)

GENERAL CLIMATELOGY / MAC
 METEOR
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

1 12	LAPE ROMAN OF AFS AM
STATION	STATION NAME

53-34

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN		1.4	3.7	1.2	4.1	23.2	25.9	20.5	3.0	2.4				98.0	7.1			
FEB		1.1	2.0	2.1	1.3	3.1	21.4	22.5	37.7	3.4	2.4	.7	1.	90.9	8.2			
MAR			.1	1.3	1.5	4.4	6.5	25.3	34.8	15.7	.5	.3	2.7	22.9	9.1			
APR				.7	.1	4.1	16.1	21.9	44.6	9.9	.4	.1	2.4	105.0	9.7			
MAY		1.4	16.2	1.4	5.0	1.6	13.0	22.5	15.0	3.6	.2			71.0	9.6			
JUN		17.3	31.5	3.7	2.2	1.5	2.2	1.5	.1					11.1	9.0			
JUL		14.2	15.8												8.6			
AUG		15.4	4.6												8.2			
SEP		16.4	2.7	.5	.2	.1	.1							.9	9.0			
OCT		13.3	19.6	14.4	1.6	6.9	10.4	3.5						45.5	9.0			
NOV		4.5	4.4	17.9	17.7	13.5	19.2	12.7	5.1					86.1	9.9			
DEC		1.4	1.3	12.1	10.3	11.4	23.3	19.5	17.1	2.6				96.8	9.2			
ANNUAL		71.4	7.3	5.4	5.2	4.3	11.7	12.9	15.0	3.2	.6	.1	.5	59.6	114.4			

CLIMATOLOGY BRANCH
 METEOROLOGICAL
 AND CLIMATE SERVICE BRANCH

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

STATION NAME: CAPE ROMNEY, W. VIRGINIA YEARS: 53-54

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1							TRACE				10	10	
2		14	13	41	24	17	TRACE	TRACE				10	41
3		13	19	21	12	22	4	TRACE	TRACE			17	24
4		41	26	113	114	30	2	TRACE				3	113
5		4	4	4	4	3	TRACE	TRACE			10	10	10
6		11	10	25	16	21	4	TRACE			4	6	22
7		7	11	17	13	23	TRACE				4	5	23
8		23	42	27	11	13	TRACE				4	4	42
9		7	9	10	7	3	TRACE				5	10	13
10		11	13	12	10	14	2	TRACE			4	11	13
11		13	2	14	15	4	TRACE				4	3	13
12		1	17	13	15	11	6				24	24	24
13		12	24	23	13	8	3				4	5	24
14		2	21	21	11	11	5				1	1	21
15		4	7	16	11	10	4				3	2	21
16		1	9	9	9	1	1				7	3	9
17		13	23	30	17	15	3				1	14	30
18		1	4	9	15	10	TRACE				1	3	10
19		1	4	4	3	3	1				4	5	4
20		11	11	11	21	41	2				4	11	41
21		21	26	16	17	13	3				1	3	26
22		1	6	6	11	4	1				3	5	11
23		3	6	9	9	6	TRACE				1	2	9
24		13	4	10	14	3	1				1	4	13
25		11	14	17	25	26	13				5	5	25
26		11	14	14	22	7	3				11	13	22
27		24	25	34	24	18	9	TRACE	TRACE		4	3	34
28		24	24	31	31	21	1				2	7	31
29		16	21	22	18	13	TRACE				1	1	22
30		41	36	22	24	25	2	TRACE			4	11	41
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

1. ALL CLIMATOLOGICAL DATA
 2. ETAC
 3. WEATHER SERVICE NAME

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION NAME: CAPE CANAN OF AF, AR

13-14

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	14.1	17.1	22.2	25.4	19.7	1.9	TRACE	TRACE	.4	4.5	7.5	1.4	14.1
S D	11.74	13.74	17.75	17.5	11.74	3.12	.79	.79	.12	2.70	5.15	1.00	11.74
TOTAL OBS	77	72	76	74	76	76	76	76	76	76	76	76	114

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.



U.S. AIR FORCE
AFM 64-101
10-1-64 (REV. 10-1-64)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 1 OFFICE OF AFM 64-101 75-1 YEARS 55 NORTH 11
STATION NAME ALL-STAR CLASS 2-11
CONDITION 11 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 521



ALBUQUERQUE, N.M.
1964

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 STATION NAME ALBUQUERQUE, N.M. YEARS 1964 MONTH 12
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			1.4		2.7	3.4	4.1	1.4				1.4	2.5
NE	1.7		1.4	1.4	2.4	1.7	2.4	1.4	1.4			1.4	2.5
ENE				1.2	.7	.7	.7	.7				.4	17.5
E		.7	1.4	1.4	1.4	1.4	.4						15.4
ESE					1.4	.7	.7						14.7
SE			.4	1.2	.4	.4							14.7
SSE	1.7	.4	.4	.4	.7	.4						.4	14.4
S	1.7	1.4	.7	1.2	.7	.4						.4	14.1
SSW		1.4	.4										14.4
SW		.4	.4										14.4
WSW		.4											14.4
W		.4											14.4
WNW				.4									14.4
NW			.4			.4	.7					.4	14.3
NNW			.4	.4			.4					.4	14.4
VARBL													
CALM												11.4	
	7.1	6.4	7.7	14.4	11.7	11.1	13.4	7.7	2.4	.4		11.4	14.4

TOTAL NUMBER OF OBSERVATIONS 100

U. S. AIR FORCE
 WASHINGTON, D. C.
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140 NAME CAPE ROMAN OF ARMENIA YEARS 78-84 MONTH FEB
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.2	1.2	2.6	2.1	3.4	4.3	3.4				1.4	28.2
NE				1.6	1.6	2.6	2.6	2.6				13.1	22.3
ENE				1.6	1.7		.7	.8				4.2	10.3
E		.7	.7	1.7	1.4	1.4	.6					7.1	10.3
ESE	1.2	1.1		1.4	1.4	.5						6.2	11.2
SE	1.2		1.4	1.2	.9							5.4	7.2
SSE				1.4	.7							2.2	11.2
S		1.2	1.7	.6	.4	.3						4.6	15.0
SSW		.7										.9	3.2
SW												.2	4.2
WSW												.2	10.2
W												.2	2.2
WNW												.7	2.2
NW		.2	.2			.2	.2	.2				1.0	23.0
NNW	.2		.2	.2	.2	.2	.2					1.7	20.1
VARBL													
CALM												1.2	

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMANOF AFB AK YEARS 73-84 MONTH FEB
CLASS ALL WEATHER
CONDITION 100-2200
HOURS (LST) 100-2200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	1.0	2.2	2.7	2.4	.0	.0	.0	.0	1.0	2.0
NNE	.0	.0	1.0	4.0	2.0	4.1	4.3	4.1	1.0	.0	.0	2.0	22.0
NE	.0	.0	1.0	1.0	1.5	1.0	2.0	1.0	1.0	.0	.0	1.0	2.0
ENE	.0	.0	.0	.0	.7	1.4	.0	.7	.0	.0	.0	.0	1.0
E	1.0	1.0	.7	1.0	2.0	.0	.7	.0	.0	.0	.0	.0	1.0
ESE	.0	.7	1.0	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	1.0
SE	1.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSE	.7	1.4	.7	1.0	.7	.0	.0	.0	.0	.0	.0	.0	1.0
S	1.0	1.4	.0	.7	.7	.0	.0	.0	.0	.0	.0	.0	1.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0

TOTAL NUMBER OF OBSERVATIONS 100

UNITED STATES AIR FORCE
 WEATHER SERVICE
 AFM 7-10.1

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-10.1 STATION NAME CAPE ROMAN OF AFS AK YEARS 72-84 MONTH JAN
 CLASS ALL WEATHER HOURS (LST) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4		1.7	1.3	1.0	1.3	.6	.1			2.2	19.0
NNE		1.2	1.0	1.7	2.4	2.9	2.3	2.7	.2	1.2		12.3	23.0
NE		.5	.9	1.0	2.7	3.1	1.0	1.3	.2	.2		12.0	21.0
ENE	.4	.2	.7	1.1	1.8	1.5	.2	.1				1.2	16.0
E	.1	.2	1.7	1.2	3.6	2.3	.1	.1				11.4	16.4
ESE		.4	.5	.3	1.9	.5	.2					2.5	14.7
SE		.7	.7	1.7	1.3	.3	.2					2.3	12.4
SSE		.5	.6	1.5	1.4	.5	.1		.1			5.1	13.0
S	1.2	1.5	.5	1.2	.7	.4						5.7	11.7
SSW	.1	.7	.7	.5	.2	.2						2.7	8.5
SW		.1	.2	.3	.1							.7	9.0
WSW	.1	.2	.2	.2								.5	5.0
W	.1	.1	.3	.1								.1	7.2
WNW	.1	.1	.2	.1	.2							.5	8.0
NW	.1	.2	.4	.5	.1	.2						1.2	10.3
NNW	.1	.2	.3	.5	.2	.2	.2					1.2	12.0
VARBL													
CALM												11.7	
	4.1	8.1	2.5	21.6	17.7	12.6	5.0	4.7	1.4	1.2	.2	100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 6000

JOINT CLIMATE LOG BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMAN OF AFS AK YEARS 72-84 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.7	1.2	.2	1.7	1.1	.5	1.4	.7			2.7	19.0
NNE	.	1.7	1.5	2.8	2.8	4.1	2.5	2.2	1.1	1.1		20.0	23.5
NE	.	.	1.1	1.5	3.2	1.5	7.3	1.4	.	.		13.4	22.4
ENE	.	.	1.2	1.7	1.5	1.2	.2					6.7	14.5
E	.	.	1.7	2.2	3.1	2.7	.2					11.1	15.5
ESE	.	.3	.7	2.6	1.5	.5						5.7	14.7
SE	.	.7	1.2	2.5	2.3	.5						6.5	14.7
SSE	.	.7	.5	1.7	1.5	1.1			.2			6.7	15.2
S	.	1.1	.5	1.1								3.4	7.7
SSW	.	.5	1.1	.5		.3						3.5	9.4
SW	.7		.5		.2							.5	9.3
WSW			.7									.5	10.0
W		.7	.7									.5	7.3
WNW	.7	.2	.3									.5	6.2
NW		.2	.4	.4	.7	.2						2.5	11.8
NNW		.2	.3	.2								.5	6.3
VARBL													
CALM												10.0	
	5.2	6.2	12.6	10.7	12.1	13.4	5.5	5.2	2.7	1.2		10.0	16.1

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE CLIMATE BRANCH
 AFM 140
 AIR WEATHER SERVICE (MAC)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 NAME CAMP ROMAN OF AFRICA YEARS 78-80 MONTH JAN
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1400-2100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.1	.1	1.5	2.2	1.1	1.4	.6				7.8	20.4
NNE	.1	1.7	1.1	1.5	2.6	1.7	2.2	2.6	1.7	.7	.1	17.6	24.7
NE	.1	.1	1.6	1.6	3.7	1.7	1.1	2.5	.2	.3		14.1	21.3
ENE	.1	.1	.1	1.2	2.3	1.1	.4	.2				6.0	16.1
E	.1	.1	.1	1.9	4.5	2.2	.1					11.2	16.6
ESE	.1	.1	.1	1.9	1.2	.5	.7					2.3	14.3
SE	1.1	.1	1.4	1.7	1.6	.2						7.1	11.4
SSE	.1	.1	.4	1.4	1.5	.9						5.7	14.4
S	1.1	2.7	.1	1.4	.1	.2						6.6	9.3
SSW	.1	1.7	.1									2.5	5.2
SW	.1	.2	.3	.3								1.2	6.6
WSW	.1	.1										.1	4.3
W	.1			.7								.1	5.4
WNW	.1			.7								.3	8.5
NW	.1	.1	.7	.3								1.2	6.0
NNW		.1	.5	.2								1.2	6.5
VARBL													
CALM												7.7	
	6.1	1.4	9.7	1.6	2.3	11.7	5.5	5.8	1.7	1.4	.1	1.1	10.2

TOTAL NUMBER OF OBSERVATIONS 451

CLIMATE CLIMATOLOGY HANDBOOK
 USAFETAC
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 121 CAPE ROMAN OF AFS AK STATION NAME 7-44 YEARS JAN MONTH 1962-1964 HOURS (LST) 1700

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	.0	1.4	1.5	2.0	.0	.2	.0	.0	.0	1.0	12.2
NNE	.0	.0	.0	1.4	2.0	4.1	2.0	0.0	1.2	.0	.0	15.0	26.3
NE	.0	.0	.0	1.0	2.3	2.0	2.3	.0	.0	.0	.0	11.0	21.9
ENE	.0	.0	.0	1.3	2.2	.0	.0	.2	.0	.0	.0	3.0	10.9
E	.0	.0	1.4	3.2	3.0	3.1	.0	.0	.0	.0	.0	10.3	17.1
ESE	.0	.0	.0	1.2	2.0	1.4	.0	.0	.0	.0	.0	8.3	10.7
SE	.0	.0	.0	1.7	1.2	.0	.0	.0	.0	.0	.0	4.3	13.4
SSE	1.0	.0	1.4	2.0	1.5	.0	.0	.0	.0	.0	.0	6.7	12.2
S	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	9.3
SSW	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.2
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.4
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0
	5.0	5.1	4.5	21.0	17.8	14.9	4.5	3.4	1.0	.0	.0	1.0	15.7

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
 14-00000
 14-00000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 14-00000 COPE GCMAL OF APL AK STATION NAME 72-24 YEARS 14
 MONTH 1-14
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1-14
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.7	.8	1.1	1.4	2.2					.6	21.
NNE	.1	.5	1.7	4.7	2.3	2.2	1.5	3.7	.2	.2	.2	1.8	22.
NE	.1	.5	.5	1.9	2.8	2.5	2.5	.8	.7			11.1	22.
ENE	.1	.2	.2	.6	1.7	2.7	.3					.6	17.
E	.1	.3	.5	4.5	2.5	2.1	.2					11.1	16.
ESE	.1	.5	.7	.9	2.3	.4						5.7	14.
SE	.1	.5	.7	.6	1.4	.3						5.3	13.
SSE	1.4	.7	.5	2.4	1.5	.2						5.4	11.
S	.1	1.7	.7	.3	1.1							4.1	10.
SSW	.1	.7	1.7	.9	.2							3.2	8.
SW		.7	.7	.5	.2							.5	12.
WSW		.7		.2								.5	7.
W	.1	.7	.7	.3								.5	6.
WNW	.1		.7	.3								.5	6.
NW			.6	.6								1.2	11.
NNW		.7	.5	.6			.7					1.2	14.
VARBL													
CALM												1.2	
	1.1	2.6	7.5	4.3	12.3	11.1	6.9	4.5	.5	.5	.2	15.1	12.

TOTAL NUMBER OF OBSERVATIONS 65

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00127 STATION NAME CAPE ROMAN, OF AFS AM YEARS 72-74 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0000-1100
CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	.9	.8	2.6	1.7	.6				7.8	22.
NNE	.	1.2	2.7	1.1	1.4	1.1	2.5	3.1	.8	.3	.	18.4	21.
NE	.	.	.6	1.3	2.5	2.5	2.6	.9	.3	.7		12.3	23.
ENE	.		1.2	1.8	2.2	1.8		.2				7.4	17.
E	.	.	.6	2.2	3.5	2.5	.2					11.0	16.
ESE	.	.7	.3	1.7	2.5	1.4						7.1	15.
SE	1.1	.	.	1.2	.6	.5						4.7	9.
SSE	.	.	.5	.9	1.8	.3						4.7	13.
S	1.1	1.1	.4	2.2	1.2							7.1	9.
SSW	.	1.1	.3	.5	.6							4.7	9.
SW	.	.2	.5		.2							1.1	7.
WSW	.	.7	.7									1.1	4.
W	.	.	.7									.6	6.
WNW	.	.	.	.5								.7	9.
NW	.	.	.3	.2								.5	16.
NNW	.	.	.5	.6	.3	.3						2.0	14.
VARBL													
CALM												10.0	
	1.1	1.1	17.0	12.0	17.5	12.9	5.9	4.8	1.1	.6	.	100.0	15.

TOTAL NUMBER OF OBSERVATIONS 85

GENERAL CLIMATOLOGY - HANCO
 USAFETAC
 AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 700100 CAPE ROMAN OF AFS AK 73-14 JAN
 STATION NAME YEARS MONTH
 CLASS ALL WEATHER
 HOURS (LST) 00-24
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEE
N	.1	.1	.1	.5	1.4	1.8	1.5	.6				7.0	1.3
NNE	.1	1.1	1.1	1.2	2.2	2.2	2.8	2.5	.2	.1		10.0	2.2
NE	.1	.1	.1	.5	2.8	2.3	1.2	1.4	.1	.3		10.0	2.1
ENE	.1	.1	.1	.5	2.3	2.3						10.0	1.7
E	.1	.1	.1	1.4	2.2	2.5	.5	.2				10.0	1.7
ESE	.1	.1	.1	1.6	2.2	.6						10.0	1.4
SE	.1	.1	.1	1.1	.8	.5						10.0	1.1
SSE	.1	.1	.1	.9	.3	.5						10.0	1.1
S	1.1	1.4	.1	1.4	.9	1.2						7.0	1.1
SSW	.1	1.2	.1	.3	.3							10.0	.7
SW	.1	.1	.1	.1	.2							10.0	.5
WSW	.1	.1	.1									10.0	.5
W		.1	.1									10.0	.7
WNW												10.0	.7
NW	.1	.1	.1	.3								10.0	.6
NNW			.1	.3	.5							10.0	.6
VARBL												10.0	.6
CALM												10.0	.6
	5.2	9.1	2.2	2.3	15.7	13.7	6.0	4.6	1.1	1.1	.1	100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 15

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

SURFACE WIN

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-120 CAPE ROMERO AFB AK

77-84

JA
MONTH

STATION

STATION NAME

YEARS

ALL WEATHER

CLASS

2700-
HOURS (L)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N			1.2	1.7	.8	1.9	.6	1.1				8.4
NNE		1.9	1.1	3.6	2.8	2.8	1.0	2.5	.6	1.1		17.3
NE		1.1	1.1	3.3	2.0	2.6	1.1	1.4	.5	.2		13.5
ENE		.2	.2	1.2	1.5	1.7		.2				6.2
E		.2	1.7	3.7	4.3	.9						18.2
ESE		.2	.2	.6	2.8	2.2	.8					6.6
SE		.7	.2	.2	1.2	.6	.3					3.6
SSE		.2	.6	.7	2.0	1.2	.5	.5				5.7
S	1.7	1.1	.2	1.4	.9	.5						6.2
SSW	.2	.2	.3	.2	.5							2.5
SW	.2	.3		.2								.6
WSW		.2	.2									.5
W	.2	.2	.5	.2								.6
WNW	.2		.7		.2							.8
NW			.2	.5								.7
NNW		.2	.2	.5	.3							1.1
VARBL												
CALM												1.7
	6.1	3.7	9.2	22.2	17.3	12.1	4.3	5.1	1.7	1.7		100.0

TOTAL NUMBER OF OBSERVATIONS

ALPHAL CLIMATOLOGY - HANSON
USAFETAC
AIR WEATHER SERVICE/ANAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF ARS AK STATION NAME 75-4 YEARS 12
 CLASS ALL WEATHER HOURS (L) 2400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	N V S
N	.1	.1	1.2	2.5	1.4	.2	1.4	.5	.2			1.1	
NNE	.1	1.2	1.5	2.7	2.3	2.4	2.5	2.5	.2	1.7		14.2	
NE	.1	1.2	.1	1.2	2.3	2.3	2.3	1.2	.1	.2		11.2	
ENE	.1	.2	.2	1.7	1.2	1.1	.1	.2				8.2	
E	.1	.2	.2	1.4	2.7	2.4						14.2	
ESE	.1	.2	1.2	2.0	1.5	.5						7.4	
SE	.1	.2	1.1	1.4	1.5		.5					7.2	
SSE		1.1	.5	1.5	1.5	.5	.2			.2		8.2	
S	1.2	1.7	.6	.1	.5							6.3	
SSW	.1	.1	.5	.5	.2							1.2	
SW	.1		.1	.3	.2							.2	
WSW	.1		.2									.2	
W	.1	.2	.2									.2	
WNW		.2	.2									.2	
NW		.2		.2	.2							1.2	
NNW		.2	.2	.2	.2							1.4	
VARBL													
CALM												.4	
		2.4	11.2	23.2	16.7	10.5	6.6	4.3	1.2	1.5		10.2	

TOTAL NUMBER OF OBSERVATIONS _____

✓

2014-2015

FROM DAILY OBSERVATIONS.

77-44

YEARS

1



NOTES • LOANED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AT LEAST 5 FEET, 7 INCHES, AND 100 POUNDS

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 20100 STATION NAME CAPE ROMAN OF AFS AK YEARS 71-84 ELEVATION 100 FEET
CLASS ALL WEATHER HOUSE (L.S.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPI
N	.2	.4	.7	1.7	2.5	1.3	2.0	.3				10.1	2
NNE	.2	1.5	1.0	1.1	5.2	4.9	5.6	3.9	1.7			20.5	2
NE		1.0	1.5	2.5	1.2	2.4	2.0	.3				11.8	1
ENE	.2	.3	.5	1.5	.7	.5	.3	.3	.2			4.9	1
E	.2	.5	.7	.7	.8	1.2	.3					7.6	1
ESE	.7	.3	.5	.7	.7	.2	.2	.3				3.5	1
SE	1.1	1.4	.3	1.2	.3							3.9	
SSE		1.3	.9	1.2	1.0	.3						5.1	1
S	1.4	1.3	.7	1.2	.8	.5						5.6	
SSW	1.3	.3	.5									2.4	
SW	.2	.3										.5	
WSW	.2		.2									.2	
W	.2	.3										.3	
WNW		.1										.1	
NW	.2					.2	.2	.2				.7	2
NNW					.2	.3	.2			.5		1.2	3
VARBL													
CALM												1.1	
	.5	2.4	7.2	1.4	13.5	12.8	11.6	5.6	1.5	.5		100.0	1

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR CLIMATELOGY BRANCH
 AF-CLTAC
 AIR WEATHER SERVICE/MAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-1-1 CAPE ROMAN OF AFS AK 75-54 YEARS FEB MONTH

ALL WEATHER
 CLASS

1-00-2
 HOURS (L.S.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MI W SP
N	.7	.7	.7	.7	1.2	3.7	1.2	1.3				11.2	2
NNE	.7	.7	.7	.7	2.7	5.5	4.4	3.7	1.2			25.3	2
NE	.7	1.2	1.7	1.2	2.5	2.7	2.2	1.3				14.6	1
ENE	.7	.7	.7	1.3	.3	1.2	.7	.7				7.4	1
E	.7	1.2	1.5	1.3	1.3	.7	.7	.2				9.1	1
ESE	1.2	.7	.7	.3	.7		.2	.7				4.0	1
SE	.7	1.0	.7	1.7								7.5	
SSE	.7	1.7	1.7	1.7	1.5	.3						9.4	1
S	1.2	1.3	.3	.3	.7	.5						5.1	
SSW	.7											.3	
SW		.3										.3	
WSW	.7											.3	
W		.3										.3	
WNW													
NW						.3	.2	.2				.7	2
NNW						.3			.2	.2		.7	3
VARBL													
CALM												1.2	
	7.7	9.7	10.1	15.2	11.6	16.3	2.9	7.9	1.7	.2		100.0	1

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 1100 CAMP POMEROY AFS AR STATION NAME 75-54 YEARS 1955
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W S
N													
NNE	1.0	1.0	2.4	2.0	4.2	5.2	4.4	7.5	1.0				
NE	1.0	1.0	1.0	2.5	2.0	2.0	3.0	1.0					
ENE			1.0	1.0	1.0	0.5	1.0						
E	1.0	0.7	1.0	1.0	0.5	0.5	0.2						
ESE	1.0	1.0		1.0	0.5	0.5							
SE	1.0	0.7	0.5	2.4	0.5								
SSE		1.0	0.5	1.0	0.5	0.5							
S	1.0	1.0	0.5	0.5	0.7								
SSW		0.7											
SW		0.7	0.2										
WSW													
W													
WNW			0.2										
NW						0.2	0.2	0.2					
NNW				0.2		0.2							
VARBL													
CALM													
	2.4	5.9	7.1	17.7	13.5	11.4	17.1	4.2	1.0				

TOTAL NUMBER OF OBSERVATIONS

JETRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 167 CAPE ROMAN OF ARMAY 78-94
 STATION NAME YEARS

CLASS ALL WEATHER
 CONDITION

NORTH
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	.1	.2	.7	1.5	1.9	2.4	2.7	1.2	.1	.1		11.4	23
NNE	.1	1.2	2.2	4.2	3.9	5.0	4.6	4.1	1.1	.1		30.8	23
NE	.1	.1	1.1	2.3	1.9	2.1	2.3	1.4	.2	.1		11.2	20
ENE	.1	.1	.7	1.4	.4	.4	.4	.4	.1	.1		1.1	17
E	.1	.7	1.2	2.6	1.4	.9	.4	.1				7.0	14
ESE	.1	.7	.4	1.5	.9	.3	.2	.1				3.0	12
SE	.1	.7	.6	1.4	.3	.1						4.1	9
SSE	.7	1.1	.5	1.2	.8	.9						4.0	11
S	1.7	1.4	.5	.8	.7	.3						3.1	5
SSW	.1	.7	.7	.6	.7							1.0	4
SW	.1	.3	.1									.7	4
WSW	.1	.1	.1									.3	2
W	.1	.1	.7	.1								.3	2
WNW	.1	.1	.1	.7								.3	2
NW	.1	.1	.1	.7		.2	.1	.1	.1			.3	23
NNW	.1	.1	.1	.1	.1	.4	.2		.1	.1		1.2	24
VARBL													
CALM												11.0	
	7.1	8.6	9.4	17.2	12.3	13.0	11.1	7.3	1.6	.3		100.0	10

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 STATION NAME CAMP DUMAS, CP AF, AK YEARS 74-84 MONTH 4/2
 CLASS ALL WEATHER HOURS (L & S) 700-0
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.1	.4	1.1	2.4	.5	.2	.5					2.8	1
NNE	.1	.5	2.2	4.2	4.2	4.2	3.8	1.2	.2			25.1	2
NE	.1	.8	1.7	3.2	2.6	4.3	2.3	1.5	.2			12.4	2
ENE	.1	.6	.6	4.2	2.2	1.5	1.2	.3				11.4	1
E	.1	1.4	1.2	4.2	2.2	1.1	.2					11.1	1
ESE	1.2	.3	.5	.2	.5							4.2	
SE	.1	.6	1.4	1.2	.3	.5	.5					4.5	1
SSE	.1	.7	.6	.2	1.2	.2	.2					3.2	1
S	.1	.7	.6	1.2	.2	.2	.3					3.2	1
SSW	.1	.2		.2								.2	
SW	.1	.2		.2								.2	
WSW													
W													
WNW		.1										.1	
NW	.1		.1									.1	
NNW		.1	.1		.2	.3						1.1	1
VARBL													
CALM													
	.7	7.2	12.4	22.8	17.8	15.2	6.9	3.4	.2			100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATE LOG - HANCH
USAFETAC
AFS WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-12 NAME LAKE TUMPA OF AFS AM YEARS 73-74 MONTH SEP
STATION NAME LAKE TUMPA OF AFS AM CLASS ALL WEATHER HOURS (LST) 0000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	.2	1.4	.2	.5	.3				2.8	17.3
NNE	.2	1.2	3.1	7.1	5.1	7.4	2.2	1.1				22.8	19.0
NE	1.1	2.1	1.2	4.5	5.1	4.1	2.2	1.5	.5	.5		20.4	20.2
ENE	.2	.2	.5	2.7	2.2	.2	1.1	.5	.2			5.1	17.9
E	.2	.3	2.2	4.3	2.2	1.1	.5	.2				11.1	14.7
ESE	.2	.2	.2	1.2	1.2	.2						4.4	11.7
SE	.2	.2	.2	.2	.2	.5	.5					3.4	14.0
SSE	.2	.2	.2	.5	1.2	.2						3.0	11.3
S	1.1	1.2	1.2	1.2	.5	.5	.2					5.5	11.1
SSW	.2		.2	.2								1.2	7.5
SW													
WSW													
W													
WNW	.2	.2										.5	4.3
NW		.2										.2	5.0
NNW		.2		.5	.2							.2	11.5
VARBL													
CALM												5.5	
	7.5	3.0	11.1	22.4	15.7	17.4	7.8	3.5	.6	.5		100.0	15.0

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE DATA CENTER
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-10 STATION NAME CAPE ROMAN OF AFRICA YEARS 78-94 DATE NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	1.2	1.2							4.5	10.1
NNE		1.4	2.5	4.3	5.0	3.7	2.1	1.5				23.7	10.4
NE		1.0	1.0	2.8	2.6	3.1	3.5	1.7	.3	.7		14.2	10.3
ENE				2.2	2.2	3.5	.7	.5				1.3	10.2
E			2.7	4.1	1.7	1.2	.5	.2				15.4	14.0
ESE			.7	.5	1.1							3.1	12.0
SE		1.4		1.4	.9	.4	.2					4.1	12.3
SSE				.7	.5	.4						4.3	13.0
S		1.1		1.2	.5	.6						4.3	12.0
SSW				.7								1.2	5.5
SW				.7	.2							.4	11.7
WSW													
W													
WNW			.7									.1	4.0
NW			.7		.2							.6	5.0
NNW			.7	.5	.2							.2	11.0
VARBL													
CALM												7.5	
	5.7	7.9	11.3	22.9	17.5	14.1	6.5	4.5	.5	.7		100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
 METEOROLOGICAL BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-100 STATION NAME CAPE ROMANCE AFB AK YEARS 74-79 MONTH 04
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.1	1.1	5.7	4.5	5.1	2.5	1.5				22.1	26.0
NE			2.5	2.7	2.5	4.6	2.0	1.2				15.7	20.8
ENE			1.5	1.5	2.5	2.0	.3					7.5	15.9
E			2.5	4.1	1.3	.5	.2					9.7	14.3
ESE	1.1			1.5	.9	.9						6.7	12.4
SE				2.3	1.1	.5						5.2	12.3
SSE	1.1			1.4	1.4	.3	.2					5.7	12.1
S		1.2	.5	2.7	.5	.5						1.4	11.5
SSW			.7	.2		.2						1.1	7.0
SW					.2							.3	11.2
WSW													4.4
W		.2										.2	2.2
WNW		.2		.2								.2	6.7
NW		.2	.3	.2								.2	7.7
NNW		.2	.2	.2	.2							.2	9.2
VARBL													
CALM												7.7	
	5.1	7.5	17.2	25.1	16.7	15.4	6.5	2.2	.2	.3		100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 651

USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AK STATION NAME 75-54 YEARS 1950-1954 MONTH 1950-1954
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 551

ANNUAL CLIMATOLOGY
 USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 NAME CAMP COMBAT OF AFS AK YEARS 73-74 MONTH ALL
 CLASS ALL WEATHER
 CONDITION 1400-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5	.5	1.4	1.7	.4	.2				7.4	1.0
NNE	.1	.2	2.5	4.0	4.5	5.5	5.4	1.0				21.1	2.5
NE		.5	2.2	2.1	3.5	2.4	2.0	1.1		.2		15.7	1.9
ENE	.1	.2	.2	2.4	2.0	2.3	.5	.2				7.4	1.4
E	.1		.1	2.3	1.2	.5	.2					5.1	1.4
ESE	.1	.2	1.1	3.2	.5	.5						5.2	1.3
SE		.5	.5	1.4	1.4	.3	.5					5.1	1.4
SSE	.1	.2	1.1	2.5	1.5	.3	.2					5.2	1.4
S	1.4	.2	1.1	.5	1.2							5.2	2.3
SSW	.1	.2	.5									1.4	2.3
SW	.1		.2			.3	.2					.7	1.4
WSW	.1		.2									.7	1.4
W	.1	.5	.2									1.1	2.4
WNW	.2		.2									.5	2.4
NW		.2	.2	.2								.5	2.4
NNW	.1	.2	.2									.7	2.4
VARBL													
CALM													
	4.5	1.5	12.0	12.0	15.4	15.1	4.5	2.6		.2		100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE CENTER
AFMPC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-1-1 NAME CAPE MAY OF AF YEARS 75-76 MONTH MAY
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													15.7
NNE													15.7
NE													15.7
ENE													15.7
E													15.7
ESE													15.7
SE													15.7
SSE													15.7
S													15.7
SSW													15.7
SW													15.7
WSW													15.7
W													15.7
WNW													15.7
NW													15.7
NNW													15.7
VARBL													15.7
CALM													15.7
													15.7

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE DIVISION, WASH
 D.C.
 AIRCRAFT SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMANOF AFS AK STATION NAME CAPE ROMANOF AFS AK YEARS 74-84 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.7	1.7	1.1	1.2						7.7	15.3
NNE		1.7	2.7	1.1	5.3	5.3	5.3					28.7	25.3
NE			1.7	5.1	2.3	4.3	2.3	1.3				16.2	21.1
ENE			1.7	4.5	2.2	1.3	5.3					17.4	18.7
E				4.1	1.1	.5						7.4	14.3
ESE			1.7	1.4	1.2	.5						5.1	13.3
SE			1.7	1.7	.2	.5	.5					5.4	13.3
SSE				1.4	.5	.2						2.4	12.1
S		1.1	1.1	.3	1.2	.5						5.1	12.1
SSW												.5	7.3
SW				.2	.7							.5	13.3
WSW												.5	2.3
W												.5	2.3
WNW												.5	5.3
NW												.5	4.3
NNW			.7	.2								.5	7.3
VARBL													
CALM												7.7	
	7.7	6.5	17.5	23.3	16.1	15.1	7.7	2.5	.7	.3		100.0	15.3

TOTAL NUMBER OF OBSERVATIONS 65

✓

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE CHARLES, LA STATION NAME LAKE CHARLES, LA YEARS 7-6 MONTH ALL

CLASS ALL HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	1.1	.2	1.7	1.4	.2	.2	.2	.2	.2	7.7	16.6
NNE	.1	.1	2.1	.2	2.1	6.1	7.6	1.7	.2	.2	.2	23.4	24.1
NE	.1	.1	1.2	2.6	2.6	5.7	2.6	1.4	.2	.2	.2	17.4	20.2
ENE	.1	.1	1.2	.2	2.1	1.2	.7	.2	.2	.2	.2	7.7	17.4
E	.1	.1	1.4	2.2	1.9	.2	.2	.2	.2	.2	.2	6.1	14.4
ESE	.1	.1	.2	1.2	.2	.4	.2	.2	.2	.2	.2	2.1	10.2
SE	.1	.1	.2	1.6	.2	.2	.2	.2	.2	.2	.2	2.1	10.2
SSE	.1	.1	.2	1.6	1.2	.2	.2	.2	.2	.2	.2	4.7	10.2
S	.1	1.2	.2	1.3	.2	.2	.2	.2	.2	.2	.2	6.1	11.2
SSW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	5.7
SW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	10.2
WSW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	4.2
W	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	4.2
WNW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	6.1
NW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	7.6
NNW	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.2	9.2
VARBL													
CALM												7.6	
	.2	.2	11.7	24.4	17.6	14.2	7.6	1.2	.2	.2	.2	10.2	10.2

TOTAL NUMBER OF OBSERVATIONS 5226

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/XXAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMANA, OF AFD AV STATION NAME CAPE ROMANA YEARS 7-14 DAY 14 MONTH 14

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 00-300

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.7	2.8	.5	.5	.6					7.0	13.4
NNE	.0	1.0	4.0	1.0	0.4	1.0	.0					7.0	13.7
NE	.0	.0	4.0	2.0	1.2	1.1	.7					11.4	12.7
ENE	.0	1.1	2.0	2.0	.3	.0						7.0	10.7
E	.0	.0	2.0	2.0	.5							3.0	9.7
ESE		1.0	1.1	.0								3.0	6.0
SE	.0	.0	.0	.0								3.0	6.0
SSE	.0	.0	1.1	1.0		.0						3.0	6.0
S	.0	1.0	3.0	2.0	.0							10.0	10.4
SSW	.0	1.1	1.0	.0	.3							7.7	6.0
SW	.0	1.0	.0									.3	4.0
WSW	.0	.0	.0									1.1	4.0
W		1.1	.3									1.4	2.7
WNW	.0	.3										.0	4.0
NW	.0	.0	.0									1.2	2.0
NNW		.0	.0									1.4	1.1
VARBL													
CALM												1.0	
	7.4	10.4	15.3	20.7	2.4	3.0	1.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAY OF AFB, AK YEARS 74-76 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 0000-2400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					1.4	.5	.7					2.6	13.4
NNE	1.3	2.3	7.4	10.7	3.8	2.0						27.5	12.1
NE	1.3	1.7	5.4	4.1	1.7	1.6						11.1	11.2
ENE	1.3		5.4	4.1	1.6	.2						11.7	11.4
E	1.7	1.7	1.7	2.2	.3							5.6	8.9
ESE		.4	1.0	1.1								2.1	5.2
SE		.3	1.2	.6								2.1	7.2
SSE		.5	1.1	1.4	.2	.3						2.7	10.2
S	1.1		2.5	1.8	.9							7.4	9.4
SSW		.5		.9	.3							2.2	7.1
SW		.5	.7	.7								.7	6.2
WSW													1.2
W			.7									.7	5.2
WNW		.5	.7									.7	4.2
NW			.7									.7	4.4
NNW		.5	.7		.2							1.4	5.2
VARBL													
CALM												.4	
	1.1	11.2	25.1	26.7	12.6	4.3	.7	.7				1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 551

LOCAL CLIMATOLOGY
 USAFETAC
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 STATION NAME CAPE ROMAN OF AFS AK YEARS 74-84 DAY 1 MONTH 1 YEAR 1984

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	1.7	.	.	.	.	.	.	.	24.7	12.3
NNE	.	1.4	2.1	1.7	4.6	1.1	.	.	.	.	.	18.5	14.2
NE	.	2.1	2.1	2.7	2.9	1.7	.	.	.	.	.	12.7	11.7
ENE	.	1.4	4.3	.	1.7	.	.	.	.	.	.	7.4	10.1
E	.	1.1	1.	1.7	1.7	.	.	.	.	.	.	4.1	6.1
ESE	.	1.1	2.1	.	.	.	.	.	.	.	.	2.1	7.4
SE	2.1	3.1
SSE	.	1.7	1.1	1.7	.	.	.	.	.	.	.	6.1	10.1
S	.	1.7	1.7	1.7	1.4	.	.	.	.	.	.	1.1	7.7
SSW	2.1
SW	2.1
WSW	2.1
W	4.1
WNW	4.1
NW	4.1
NNW	.	1.1	.	.	.	.	.	.	.	.	.	1.7	4.1
VARBL	7.1
CALM	1.1
	1.1	1.1	2.1	2.6	1.2	4.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE CLIMATE DIVISION
 AFMTC
 AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AM STATION NAME CAPE ROMAN OF AFS AM YEARS 74-84 MONTH MAY
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.4	0.5	1.1		0.3					7.1	13.0
NNE	1.4	1.2	5.4	0.5	5.5	2.5						28.9	13.1
NE		5.2	5.5	7.2	2.2	1.1						10.7	11.7
ENE	1.2	1.5	2.3	0.3	1.5	0.3						9.7	11.5
E	1.1	2.2	1.4	0.2	0.3	0.2						5.1	9.3
ESE			1.4	0.5								2.5	7.7
SE		1.1	0.3	0.4								2.2	6.3
SSE		1.2	1.2	1.1	0.5							4.2	8.4
S		0.3	2.2	0.9	0.5							3.6	15.5
SSW		0.3	0.5	0.8								1.8	8.6
SW		0.3										0.6	4.0
WSW		0.3	0.5									0.7	7.3
W		0.3	0.3									0.6	5.3
WNW		0.3	0.3	0.2								0.7	5.4
NW		0.3	0.3									1.1	4.0
NNW		0.3										0.6	4.0
VARBL													
CALM												7.4	
	7.0	14.0	24.1	3.4	17.0	4.0	0.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-12-64 STATION NAME CAPE ROMAN OF ALEXANDRIA 74-64 YEARS MONTH NORTH ALL WEATHER CLASS ALL HOURS (L.S.T.) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.3	2.0	2.3	2.4	.5	.1				1.1	10.3
NNE	.1	1.7	3.1	4.0	5.3	5.4	1.5	.7				25.2	16.0
NE	.1	1.7	1.9	2.2	1.6	.8	.3	.7				9.1	13.3
ENE	.1	.6	.9	1.4	.6	.7	.1					4.5	12.7
E	.1	.4	1.7	1.1	.7	.5	.1					4.4	12.4
ESE	.1	.1	.5	1.3	.6	.4	.7					3.4	12.7
SE	.1	.6	.9	1.2	.9	.7	.5					4.0	13.7
SSE	.1	.6	.9	2.3	1.6	1.3	.5	.3				7.4	16.3
S	.2	1.1	1.7	.2	2.1	2.1	.4	.1				11.6	14.8
SSW	.1	.6	.5	.9	.2	.1						3.0	9.3
SW	.4	.3	.1	.7	.1	.2						1.7	10.3
WSW	.1	.3	.9	.1	.1	.3						.6	5.3
W	.1	.3	.6	.2								1.2	7.2
WNW	.1	.1	.1	.2								.4	6.2
NW	.1	.2	.3	.2	.1							.9	8.9
NNW	.1	.2	.3	.2	.2							1.1	10.2
VARBL													
CALM												1.0	
	5.1	7.4	14.7	21.7	17.6	14.0	3.6	.4				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 564

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFS AK STATION NAME CAPE ROMAN OF AFS AK YEARS 73-84 MONTH ALL
 CLASS FAIRER HOURS (L.S.T.) 100-240
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	1.1	4.2	2.4	2.5	1.7					13.0	10.0
NNE		1.2	1.1	4.5	7.1	5.4	1.6					20.8	10.0
NE			2.2	2.5	2.6	3.3	1.5					3.7	14.0
ENE		1.0	1.4	1.6	0.8	0.2						4.0	11.0
E			1.1	1.6	1.1	0.2	0.3					1.4	14.0
ESE			1.1	0.6	0.6	0.2	0.2					3.0	12.0
SE		1.1	1.7	1.7	1.0	0.2						4.0	12.0
SSE		1.0		3.4	1.4	1.3	0.6					7.0	15.0
S		1.3	1.0	0.7	0.4	2.3	0.5					0.8	15.0
SSW		1.7		1.1	0.2	0.2						4.1	8.0
SW												0.3	7.0
WSW			0.2	0.2								0.5	8.0
W			0.2	0.2								0.5	7.0
WNW			0.2	0.2								1.0	6.0
NW			0.2		0.2							0.5	8.0
NNW			0.6	0.5	0.2							2.2	9.0
VARBL													
CALM												0.3	
	2.0	11.7	15.4	26.3	17.9	13.5	4.9					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 107

U.S. NAVAL CLIMATE CENTER
 1100 N. Y STREET
 WASHINGTON, D.C. 20340

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE ROMANOV, OF AFS AK YEARS 71-74 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	2.4	4.1	4.3	3.3	.1					1.0	16.0
NNE	.1	1.1	2.5	4.5	4.3	4.4	1.1	.3				24.1	17.0
NE	.1	1.1	1.1	2.4	2.1		.2					7.0	12.0
ENE		.1	.1	1.4	.1	.2						2.0	13.0
E		.1	1.1	1.1	.4	.4						4.0	15.0
ESE	.1	.1	.1	1.7	.2	.2						2.0	11.0
SE	.1	.3	1.4	1.4	.6	.3						4.3	12.0
SSE		.1	.5	1.6	1.1	1.4	.2					5.4	17.0
S	1.1	1.3	2.2	4.0	1.1	2.2	.2	.2				12.0	14.0
SSW	1.1	.1	1.1	1.1								3.0	7.0
SW	.1	.5		.1	.2							1.7	9.0
WSW		.1		.1								.1	6.0
W		.1	1.1	.2								1.0	7.0
WNW			.1									.3	7.0
NW	.1	.3	.1	.2								1.4	6.0
NNW	.1	.1	1.1		.2							2.1	8.0
VARBL													
CALM												5.7	
	4.1	4.9	10.3	17.3	17.7	13.3	3.5	.5				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 67

USAFETAC
 ALL WEATHER SERVICE/ZNAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7 100 STATION NAME CAPE ROMAN OF ARMENIA YEARS 73-74 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.7	2.7	4.1	3.8	3.7	.6					10.6	14.1
NNE		1.7	3.0	1.1	7.0	4.3	1.6	.2				23.7	16.1
NE			1.7	2.7	1.0	.2						5.7	11.1
ENE		.5	.7	.6		.2	.7					2.1	12.1
E		.7	1.1	.6	.3							2.7	10.1
ESE		.3	.7	2.2	1.3	.2						4.6	12.1
SE		.3	1.7	1.1	.6							2.7	13.1
SSE		.7	1.7	.7	2.5	.6	.2					6.5	14.1
S	1.7	1.1	1.7	2.9	2.5	3.7	.6	.2				19.2	15.1
SSW	1.7	.5	1.1	1.3								3.8	7.1
SW		.3	.3	.6	.5							2.4	9.1
WSW		.6	.3	.2								1.1	7.1
W		.7	1.3	.5								1.7	9.1
WNW		.3										.5	5.1
NW			.6		.3							1.1	10.1
NNW			.7	.7	.2							.5	12.1
VARBL													
CALM												.7	
		2.4	16.7	24.6	19.7	12.1	3.5	.3				10.6	13.1

TOTAL NUMBER OF OBSERVATIONS 6

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 107 STATION NAME CAPE ROMAN OF AFS AK YEARS 73-84 MONTH APR

ALL WEATHER
CLASS

100-1
HOURS (L.S.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPI
N			1.7	2.2	3.2	2.4	1.1					1.1	1
NNE		1.5	2.7	1.4	4.3	5.2	1.6					21.1	1
NE			2.7	2.4	1.6	5.2	2					2.2	1
ENE			.6	.6	.6	.2	.3					2.5	1
E			1.1	1.7	.5	.4						3.2	1
ESE		.3	.2	1.1	.9	.3						2.7	1
SE		.5	.4	1.4	.3	.3	.2					3.2	1
SSE		.7	1.1	2.4	1.4	1.1	.6					7.5	1
S	1.7	1.7	1.2	3.5	3.2	1.7	.1	.3				14.4	1
SSW		.3	.5	.5	.3							2.5	
SW		.1	.7	1.4								2.7	
WSW		.6	.7		.3	.2						1.6	
W		.5	.5	.5								1.5	
WNW		.7	.7									.3	
NW		.2	.7	.5								1.3	1
NNW	.2		.5									.5	
VARBL													
CALM												10.5	
	7.5	7.9	16.2	26.2	16.3	12.9	4.1	.7				100.0	1

TOTAL NUMBER OF OBSERVATIONS

UNITED STATES AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-10 CAPE ROMAN OF AFS AK STATION NAME 75-54 YEARS 42 NORTH
 CLASS ALL WEATHER
 HOURS (L E) 1727
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M V SI
N			1.7	4.3	1.4	2.7	.5					1.5	
NNE	1.7	1.4	3.7	5.1	4.1	5.4	2.1	1.7				2.2	
NE		1.8	1.4	4.7	1.8	1.0	.2	.2				1.1	
ENE		.2	.5	1.1	1.9	.3						.5	
E		.3	1.1	.5	1.3	.2						.4	
ESE		.5	1.1	1.7	.3	.5						4.4	
SE		.5	.2	.2	.3	.8						4.5	
SSE	.7	.6	1.7	3.7	2.1	1.0	.4	.2				5.4	
S		1.7	1.6	2.3	2.0	.8	.5	.2				11.7	
SSW	.7	.6		1.7	.5							1.7	
SW	.3	.2	.7	.6		.2						1.7	
WSW			.7	.7								.7	
W		.5	.6									1.2	
WNW		.2	.2									.2	
NW		.3										.2	
NNW	.2		.7	.6	.2							1.1	
VARBL													
CALM												10.0	
	5.4	4.4	14.1	25.2	17.3	13.0	4.7	1.4				100.0	

TOTAL NUMBER OF OBSERVATIONS _____

U.S. NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE TOWAN OF AFB AF YEARS 75-76 MONTH ALL

CLASS ALL WEATHER

CONDITION

HOURLY OBSERVATIONS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.0	.0	1.2	.0	2.1	1.2	.0	.0	.0	.0	.0	2.2	
NNE	.0	2.4	.0	3.4	3.9	3.0	1.7	.0	.0	.0	.0	27.6	
NE	.0	1.0	1.0	2.4	1.6	.8	.0	.0	.0	.0	.0	6.8	
ENE	.0	1.0	1.4	2.7	1.0	.0	.0	.0	.0	.0	.0	7.1	
E	.0	.0	1.4	1.3	.3	.0	.0	.0	.0	.0	.0	4.4	
ESE	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	1.4	
SE	.0	.0	.0	1.1	1.9	1.1	.0	.0	.0	.0	.0	4.1	
SSE	.0	.0	.0	3.0	2.4	1.3	.0	.0	.0	.0	.0	6.7	
S	.0	.0	2.4	1.7	2.5	1.7	.0	.0	.0	.0	.0	10.7	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
VARBL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	1.0	10.2	14.1	24.4	12.9	15.4	3.7	.0	.0	.0	.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 100

GENERAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIN

STATION 7-1-5 NAME CAPE ROMANA, AFAC YEARS 7-5-54 1-5-54
CLASS ALL WEATHER HOURS (1)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	.1	.2	1.7	2.1						4.3
NNE	.1	2.2	2.7	3.3	5.7	5.9	1.1					23.2
NE	.1	.1	2.1	3.3	1.1	1.4	.2					10.2
ENE	1.1	.3	1.7	1.6	1.2	.4	.2					4.7
E	.1	.1	1.7	1.4	.3	.3						3.2
ESE	.1	.1	.2	1.7		.6						2.7
SE	.1	1.1	.1	1.1	.1	1.2	.1					7.1
SSE	.1		1.4	1.6	2.1	.4	.1	.2				4.7
S	.1	.1	1.1	3.5	2.1	2.4	.3					11.3
SSW	.1	.3	.3	.2	.3							1.1
SW	.1	.2	.2	.6		.1						1.7
WSW	.1	.1		.2								.7
W	.1	.1	.1									1.1
WNW	.1											.4
NW		.1		.3	.2							.6
NNW		.2		.2	.3							.6
VARBL												
CALM												4.1

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION NAME LAKE MEAD, OF AFB, AK YEARS 7-1964

CLASS ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N					1.4	2.1						
NNE	1.1	2.8	2.4		1.6	1.7	1.1					2.4
NE		1.1	2.1	1.1	1.7	1.7						11.4
ENE				1.7	1.1							
E			1.6	1.3	1.7							2.4
ESE				1.1	1.1							
SE					1.1							4.1
SSE			1.7	1.1	1.7							1.1
S		1.7	1.4	2.1	1.7	2.4						2.4
SSW				1.4								
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												
	2.4	2.8	11.4	3.4	1.1	1.1	2.4					

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATE CENTER
 WASHINGTON, D.C.
 20330-5000

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF ARMENIA STATION NAME CAPE ROMAN OF ARMENIA YEARS 74-75

CLASS ALL AVAILABLE

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	11.4
NNE	.2	1.4	4.6	1.2	5.5	5.1	.2	.2	.2	.2	.2	21.2
NE	.2	1.4	7.5	4.5	1.1	.3	.2	.2	.2	.2	.2	13.2
ENE	.2	.2	2.2	1.1	.2	.2	.2	.2	.2	.2	.2	4.2
E	.2	.2	2.7	.6	.2	.2	.2	.2	.2	.2	.2	4.5
ESE	.2	1.2	1.2	.6	.2	.2	.2	.2	.2	.2	.2	4.2
SE	.2	.2	1.4	.6	.2	.2	.2	.2	.2	.2	.2	4.1
SSE	.2	.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	3.4
S	.2	1.4	2.2	4.1	1.1	.2	.2	.2	.2	.2	.2	11.4
SSW	.2	1.1	1.2	.3	.3	.2	.2	.2	.2	.2	.2	3.7
SW	.2	1.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	2.7
WSW	.2	1.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	2.2
W	.2	1.4	1.2	.2	.2	.2	.2	.2	.2	.2	.2	3.2
WNW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.1
NW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
NNW	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
VARBL	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
CALM	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	4.2
	.4	10.3	7.7	10.2	10.3	4.3	.5	.2	.2	.2	.2	10.2

TOTAL NUMBER OF OBSERVATIONS 100

✓

LOCAL CLIMATE DATA
STATION
CAPT. ROMAN, OF AFS AK

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-100 STATION NAME CAPT. ROMAN, OF AFS AK YEARS 7-14

CLASS ALL

CONDITION

1440 HOURS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.	.	2.7	7.4	1.5	.5						1.1
NNE	.	1.1	7.4	1.5	4.1	4.3	.7	.7				1.1
NE	.	.7	7.4	1.5	1.0	.5						1.1
ENE	.	.	1.4	.7	.5							2.7
E	.	.6	1.7	1.4								4.2
ESE	.	.	1.4	.5								2.7
SE	.	.	1.4	.5								2.7
SSE	.	.6	.7	.5	.3							1.1
S	1.1	1.1	7.4	7.5	.5	.5						12.7
SSW	.	1.7	1.7	.7								1.1
SW	1.1	.7	1.7	.7								2.7
WSW	.	.	.7									2.7
W	.	1.1	.7									1.1
WNW	.	.	.7									1.1
NW	.	.	.7									2.7
NNW				.7								2.7
VARBL												
CALM												1.7
	.1	15.1	2.5	1.7	1.1	6.2	.7	.7				10.0

TOTAL NUMBER OF OBSERVATIONS

NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20341
 AIRCRAFT SERVICE 7440

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LAKE COMA, OF AEG AX STATION NAME LAKE COMA YEARS 74-75 NO. 100
 CLASS ALL WEATHER
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N		1.1	2.2	1.4	1.5							7.6
NNE		1.1	2.2	1.4	1.5	2.0						10.4
NE		1.2	4.7	5.8	2.5	1.3						15.5
ENE		1.4	7.8	3.1	1.5	1.3	1.2					16.7
E		1.1	1.7	1.5	1.2	1.2						10.0
ESE		1.1	1.5	1.6								5.7
SE			1.1	1.6								4.4
SSE			1.5	1.8								3.3
S	1.7		2.2	2.9	1.1							10.1
SSW		1.5	1.5	1.3								5.6
SW		1.2	1.5									4.2
WSW		1.2										2.4
W		1.2										2.4
WNW		1.3										2.7
NW		1.5	1.3									2.8
NNW		1.1	1.2	1.2								4.4
VARBL												
CALM												0.0
	1.7	13.1	22.0	24.2	12.6	4.3	1.1					100.0

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE CLIMATE CENTER
 AFMPC
 AIR WEATHER SERVICE, AFMPC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-100 CAPE ROMAN OF AFS AK STATION NAME 74-24 YEARS 44
 CLASS ALL WEATHER
 HOURS (L) 21
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	1.7	1.7	1.3	.5	.2	.1				.1
NNE	1.1	1.5	5.1	1.6	5.6	2.4	.3	.1				25.4
NE	.7	1.0	3.0	4.7	1.7	1.0	.1					13.7
ENE	.1	1.0	2.9	2.6	.9	.3	.7					5.3
E	.1	1.4	2.7	1.7	.4	.1						4.1
ESE	.1	1.0	1.5	.7								1.6
SE	.1	.7	1.7	.9	.0							3.1
SSE	.1	.7	1.7	1.7	.1	.1						3.6
S	1.1	1.3	2.6	2.7	.9	.1						.9
SSW	.1	.2	.2	.4	.1							3.2
SW	.1	1.2	.5	.7								1.3
WSW	.1	.7	.7									1.2
W	.1	.7	.5									1.0
WNW	.1	.5	.1	.7								.5
NW	.1	.5	.2									.3
NNW	.1	.5	.7	.1	.7							1.1
VARBL												
CALM												5.4
	.7	15.2	24.6	15.5	11.1	4.5	.7	.1				100.0

TOTAL NUMBER OF OBSERVATIONS

JOINT CLIMATOLOGY BRANCH
USAFETAC
ALL-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION CAPE ROMAN OF AF, AM STATION NAME CAPE ROMAN OF AF, AM YEARS 73-84 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.) 1200-0000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SP
N	.2	.2	1.4	1.7		.5						4.0	1
NNE	.2	1.7	4.3	7.9	7.3	.3						17.5	1
NE	.2	1.3	5.2	8.7	.5	.2						15.5	
ENE	.2	1.1	1.2	4.7	.2							7.5	1
E	1.7	.2	.3	.2								2.2	
ESE	1.1	.2	.3	.3								2.0	
SE	.2	.2	.5	.5								1.7	
SSE	1.7	1.3	1.5	1.1	.3							5.6	
S	1.1	2.9	3.7	4.9	1.4	.3						14.2	1
SSW	1.2	1.4	2.2	2.0	2.1	.5						12.5	1
SW	.2		1.1	.6								2.5	
WSW		.2	.3	1.0								1.5	1
W	.2	.3	.2									1.0	
WNW	.2	.3	.2									.5	
NW	.2	.3										1.1	
NNW	.2	.2										.3	
VARBL													
CALM												4.5	
	17.2	15.2	24.9	30.7	7.8	2.2						100.0	

TOTAL NUMBER OF OBSERVATIONS 1200

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 74-127 STATION NAME CAMP TOMAH OF AFS AM YEARS 74-84 MONTH JUN

CLASS ALL WEATHER

CONDITION

HOURS (L.S.T.) 240-01

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME/ WIND SPE
N	.2	1.1	.2	1.4	1.1	.3						4.3	1
NNE	1.1	2.1	6.2	5.9	2.5	.5						18.3	1
NE	1.1	1.6	5.6	3.3	.2							11.2	
ENE	.1	1.1	2.1	4.2	.3							8.3	
E	2.1	2.1	.2	.5								5.4	
ESE	.2	1.7	.2	.2								2.5	
SE	.1	.2	.6	1.2								2.7	
SSE		1.1	1.6	1.2	.3	.5						4.1	1
S	.2	1.7	4.2	3.5	1.4	.6						12.9	1
SSW	.2	1.1	1.6	3.5	2.2	.2						8.0	1
SW	.1	.3	1.7	1.2	.2							4.3	
WSW	.2	.1	.2	.5	.2							1.9	
W		.2	.5	.3								1.1	
WNW		.2	.2									.5	
NW		.2										.2	
NNW	.1	.2	.2									1.0	
VARBL													
CALM												17.5	
	2.4	16.3	27.6	25.0	2.3	2.1						100.0	

TOTAL NUMBER OF OBSERVATIONS

JOURNAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

12 STATION CAPE ROMAY OF AFB, AK STATION NAME 74-4 YEARS MONTH JULY
 ALL WEATHER CLASS 1966-68 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N			1.1	1.1	1.1	.5						4.0	1
NNE	1.1	3.0	4.7	5.4	3.2	.5						17.1	11
NE	1.1	2.4	2.7	3.5	.9							1.2	5
ENE	1.1	2.4	3.7	1.4								3.1	7
E	.5	1.7	1.6	.6	.2							4.0	7
ESE	.5	1.7	1.7									2.5	5
SE	.5	.6	1.6	.3	.3							3.3	9
SSE	.5	1.6	.6	.5	.2	.3						3.6	6
S	1.7	2.5	2.2	2.7	1.3	1.7						12.7	11
SSW	.5	1.9	2.9	2.9	1.6							10.3	10
SW	.5	2.1	2.4	1.7	.3							7.0	5
WSW	.5	1.1	1.7	.3								2.4	7
W	.5	.2	.2									.6	4
WNW	.5	.2	.2									.3	7
NW	.5		.2									.5	5
NNW	.5	.2		.7	.2							1.1	6
VARBL													
CALM												10.0	
	7.7	21.4	24.0	21.6	2.9	3.0						100.0	

TOTAL NUMBER OF OBSERVATIONS 1

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF ARMENIA YEARS 7-64 NORTH 36-11
 CLASS ALL FAIRER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.2	2.4	.5	.2						6.8	12
NNE	1.2	1.4	3.2	6.0	2.2	1.1						18.7	12
NE	.2	1.2	2.7	4.1	.3							7.2	9
ENE	.2	1.1	.4	1.2								3.2	7
E	.2	2.1	1.3	.5								4.1	6
ESE	.2	2.1	.3									2.7	4
SE		1.2	1.2	1.2								4.1	5
SSE	.2	1.4	.4	1.3								3.6	6
S	1.2	2.4	2.2	3.2	1.1	1.3	.7					13.1	11
SSW	1.1	3.2	3.3	4.6	2.4	.5						14.2	10
SW	1.2	1.9	3.5	1.3	.2							6.4	7
WSW	.2	2.2	1.1	.5								4.0	5
W	.2	1.1	.3									1.2	4
WNW	.2	.2	.3									.2	5
NW	.2	.2										.2	2
NNW		.2	.2	.2								.2	6
VARBL													
CALM												3.4	
	2.7	22.3	14.3	21.1	4.3	3.7	.3					15.0	4

TOTAL NUMBER OF OBSERVATIONS 6

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AK STATION NAME CAPE ROMAN OF AK YEARS 74-84 MONTH JUN
CLASS ALL WEATHER 1900-1900
CONDITION ALL WEATHER HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.9	3.5	.0	.0						7.3	14.0
NNE	.0	.0	1.7	6.5	2.4	1.3						10.4	14.0
NE	.3	.0	1.2	1.0								4.9	7.0
ENE	.0	1.3	.6	1.0								3.2	7.0
E	.0	1.2	.0									1.2	5.0
ESE	.0	1.0	.0	.0								1.0	5.7
SE	.0	.0	1.6	1.0								3.3	6.0
SSE	.0	.0	.0	1.0	.0							3.0	9.3
S	.0	2.4	3.2	4.4	1.6	1.0	.0					13.0	12.3
SSW	.0	1.1	4.3	5.0	1.4	1.0						10.4	10.4
SW	0.4	4.1	3.2	0.4								10.1	6.0
WSW	.0	1.0	1.7	.0								4.4	6.3
W	.0	1.1	1.1									2.7	5.0
WNW	.0	.0										.0	4.0
NW	.0	.0	.0									1.0	5.0
NNW	.0	.0	.0	.0								1.0	6.0
VARBL													
CALM													
	0.0	22.4	7.7	31.7	6.3	3.0	.5					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 670

U.S. NATIONAL CLIMATOLOGY SERVICE
 USAFETAC
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 CAPE ROMANA, CA, AFS, AK STATION NAME 74-84 YEARS 1950-1970
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.1	.2	3.0	2.2	.5	.3						6.8	11.0
NNE	.1	.5	2.5	1.3	4.4	.5						12.2	14.0
NE	.1	.2	.5	.2		.2						2.2	7.0
ENE		.2	.2	.2								1.0	7.0
E	.1	1.6	.3									2.1	9.0
ESE	.1	.1	.2									1.1	9.0
SE	.1	1.0	1.4	.2								2.6	10.0
SSE	.1	1.6	1.1	1.4	.2	.2						4.4	9.0
S	.1	2.1	3.0	4.1	2.4	1.3	.5					17.7	13.0
SSW	1.1	4.3	4.9	4.4	1.3	1.1						17.8	11.0
SW	1.3	4.3	4.0	2.2	.2							11.8	7.0
WSW	.1	2.3	1.7	.2								4.2	10.0
W	.1	3.0	.1									4.4	9.0
WNW	.1	.2	.5									1.1	9.0
NW	.1	.2	.5	.2	.2							1.1	9.0
NNW	.1	.3	.2	.6	.3							1.7	11.0
VARBL													
CALM												1.1	
	6.1	4.0	24.0	22.1	12.0	3.1	.5					1.0	11.0

TOTAL NUMBER OF OBSERVATIONS 113

CLIMATE BUREAU
 WASHINGTON
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: CAPE VINCENNES AFB TX YEARS: 70-74 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-0000
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	2.4	4.1	4.9	.2						1.2	11.0
NNE	.	1.1	4.4	10.1	4.9	.5						23.3	13.3
NE	.	.	1.4	1.1	.2							1.2	2.7
ENE	.	1.1	.7	.7								1.7	0.2
E	.	.	.3									1.1	0.2
ESE	.	.	.2	.2								1.7	7.5
SE	.	.	.5	.4								1.1	1.1
SSE	.	1.1	1.7	.4	.5							1.5	4.2
S	.	1.1	3.7	7.7	2.5	1.1	.5					13.3	10.3
SSW	1.7	2.7	3.4	2.4	1.4	.5	.2					12.2	4.7
SW	1.7	5.6	7.7	1.4	.5	.3						12.2	7.1
WSW	1.1	2.7	1.7	.2								4.0	3.3
W	.2	1.5	.3									1.2	4.7
WNW	.2	.4	.7									1.3	5.4
NW	.2	.5	.5									1.2	5.3
NNW	.2	.5	.4	.4								1.4	4.3
VARBL													
CALM												3.1	
	4.1	21.5	27.7	27.8	10.6	2.7	.8					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 630

CLIMATE DIVISION
 AFHETAC
 AIR WEATHER SERVICE/MAK

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 AFHETAC STATION NAME AFHETAC YEARS 1964 MONTH 10
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	1.2	1.5	.2	.3						1.2	1.2
NNE	.1	.1	4.1	17.1	3.5	.5						1.2	1.2
NE	1.1	1.1	4.1	.9	.6							1.2	1.2
ENE	.1	.1	1.4	1.4								1.2	1.2
E		.1	.7	.3								1.1	7.7
ESE	.1	.1	.3	.2	.2							1.1	1.1
SE	.1	1.1	.5	.5								1.1	1.1
SSE	.1	.1	1.4	1.3	.3							1.1	1.1
S	1.1	1.7	4.7	4.7	2.2	1.7	.7					1.1	1.1
SSW	.1	2.2	7.1	.6	2.2	.2						1.1	1.1
SW	.1	2.1	.1	1.1	.3							1.1	1.1
WSW	.1	1.7	.1	.5	.3							1.1	1.1
W	.1	1.1	.1									1.1	1.1
WNW		.1										1.1	1.1
NW		.1										1.1	1.1
NNW	.1	.1	.1	.5								1.1	1.1
VARBL												1.1	1.1
CALM												1.1	1.1
	1.1	1.1	24.1	13.9	13.5	2.2	.2					1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 53

U.S. AIR FORCE CLIMATE BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1. CAPE ROMAN OF AFS AK STATION NAME 75-84 YEARS 10
 CLASS ALL WEATHER MONTH ALL
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.7	.7	.7	.4						.4	1.1
NNE	.	1.1	.7	.7	1.5	.7						1.7	1.6
NE	.	1.5	3.7	3.7	.7	.7						.5	5.2
ENE	.	1.1	1.7	1.5	.1							4.6	8.3
E	.	1.7	.7	.3	.7							.3	6.2
ESE	.	1.7	.7	.1	.7							.3	6.2
SE	.	.7	1.1	.7	.1							.9	7.3
SSE	.	1.1	1.1	1.7	.2	.1						4.1	4.1
S	1.7	2.7	3.4	4.7	1.7	1.1	.7					13.5	12.3
SSW	1.7	2.7	3.4	3.4	1.5	.5	.7					12.5	10.6
SW	1.7	2.7	2.6	1.5	.2	.7						3.1	7.2
WSW	.	1.7	1.7	.4	.1							3.4	6.7
W	.	1.1	.7	.7								.2	5.1
WNW	.1	.7	.7									.7	5.3
NW	.	.7	.7	.7	.7							.7	5.5
NNW	.	.1	.7	.7	.1							1.6	5.4
VARBL													
CALM												7.1	
	.4	.7	24.7	27.2	1.8	2.2	.3					10.0	9.4

TOTAL NUMBER OF OBSERVATIONS 642

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 STATION NAME STATION NAME 74-54 YEARS MONTH 000-000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				1.4	.2							1.4	1.4
NNE		1.3	2.7	.7	.5							12.4	1.1
NE		1.7	2.7	1.5	.5							7.7	5.5
ENE		1.4	2.7	1.4								1.3	7.5
E		2.5	1.4	.7								4.5	5.5
ESE		.7	.7	.7								1.3	5.5
SE		1.4	.7									2.5	5.5
SSE		.7	.7	.7	.7							2.5	7.5
S	1.3	2.5	4.1	3.5	1.2	.7						12.1	5.7
SSW		2.7	5.7	4.5	1.2							12.4	5.7
SW		1.7	2.7	1.1	.7							5.7	5.5
WSW		.7	.7	.7								.7	5.5
W		1.7	.7									1.3	4.5
WNW		.7	.7	.7								1.1	5.7
NW		.7	.7									.7	5.5
NNW		.7	.7									.7	5.5
VARBL													
CALM												14.5	
		25.5	23.5	22.5	4.5	.2						12.5	7.5

TOTAL NUMBER OF OBSERVATIONS 501

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER.. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/023 F/G 4/2

25

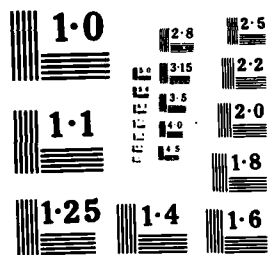
UNCLASSIFIED

USAFETAC/DS-05/023

F/G 4/2

Ne

A 10x10 grid of squares. The top-left square (row 1, column 1) is missing, leaving a 1x1 hole. All other squares in the grid are present and form a solid 10x10 block.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAMP ROMANCOH AFB AK YEARS 75-84 MONTH JUL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	.2	1.2	.2							2.8	10.7
NNE	1.1	2.3	4.6	6.8	.5							13.4	10.3
NE	.3	2.3	3.7	4.1	.5	.2						13.5	8.7
ENE	.1	.9	1.4	1.2	.6							4.9	6.9
E	.2	1.1	.5									2.2	5.1
ESE	.2	.2	.3									1.4	5.1
SE	.2	.9		.2								1.4	4.7
SSE	.1	1.1	.4	.5								2.1	7.7
S	1.1	4.1	4.3	2.9	1.4							14.4	6.7
SSW	1.1	3.7	3.7	5.5	1.1							15.8	7.4
SW	.1	2.1	2.6	1.5								7.4	7.6
WSW	.1	.9		.3								1.4	6.6
W	.2	1.2	.5									2.8	4.7
WNW		.2	.2									.3	6.5
NW	.3											.3	6.5
NNW	.3	.2		.3								.3	7.3
VARBL													
CALM												13.7	
	11.2	23.1	23.7	24.6	4.3	.2						113.8	7.5

TOTAL NUMBER OF OBSERVATIONS 651

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10120 STATION NAME CAPE ROMANOF AFS AK YEARS 73-74 MONTH JUL
CLASS ALL WEATHER
CONDITION 0000-0600
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.5	.8								3.5	6.4
NNE	.2	2.2	2.5	5.3	1.1	.2						12.4	11.4
NE	.2	2.0	2.2	2.2								7.1	6.8
ENE	.2	2.3	1.7	.9								5.4	6.9
E	.2	2.5	1.1	.2								4.3	5.5
ESE	.2	.6	.2	.3								1.0	6.4
SE	.2	.5	.5	.2								1.7	5.7
SSE	.2	.5	.5	.9	.3							2.8	9.0
S	.2	4.3	5.1	3.4	.9	.2						16.4	8.4
SSW	1.1	3.5	4.5	5.1	1.2							15.7	9.5
SW	.2	3.2	2.3	1.5								7.5	7.7
WSW	.2	.3	.5	.3								2.2	6.3
W	.2	1.1	.5	.3								2.3	6.1
WNW	.2	.2	.2									.6	4.3
NW	.2	.5										.6	3.8
NNW	.2		.2									.3	5.0
VARBL													
CALM												15.2	
	7.4	24.9	24.5	22.3	7.4	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 651

CLIMATE DIVISION
USAFETAC
AFW WEATHER SERVICE/WHAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

70-120
STATION

CAPE ROMANOF AFS AK
STATION NAME

75-94
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-1159
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	1.4	2.0	.2							4.5	9.8
NNE		1.1	4.0	6.8	1.4	.5						13.7	12.1
NE	.7	1.4	1.4	1.8	.2							5.7	8.9
ENE	.7	.9	.5	.5	.2							2.3	7.2
E	.3	.9	.9									2.2	5.3
ESE	.7	.5	.5									1.1	5.7
SE	.7	.5	.7	.3								1.7	6.5
SSE	.7	.7	1.1	.9								3.0	6.1
S	1.7	4.1	4.1	4.5	.9	.2						15.4	9.1
SSW	2.7	3.3	7.2	6.6	1.2	.5						28.3	9.2
SW	1.7	4.2	7.3	1.4		.3						10.4	7.4
WSW	.7	1.1	1.5	.6								3.7	6.3
W	.7	1.5	.6	.3								3.1	5.3
WNW	.3	.5										.1	2.8
NW	.3	.5	.7									1.4	4.7
NNW	.7	.5										.5	4.5
VARBL													
CALM												.1	
	11.2	24.5	26.1	25.7	4.0	1.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

651

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-100 STATION CAPE ROMAN OF AFS AW 76-84 YEARS JUL MONTH
 ALL WEATHER CLASS 1000-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	2.1	2.2	.9							7.8	10.7
NNE	.	1.7	2.7	1.5	.9	.3						10.4	11.4
NE	.	.	.7	.2	.2	.2						5.7	11.1
ENE		.	.7									.4	7.3
E	.	.	.7									1.2	4.4
ESE		.	.7									.7	5.6
SE	.	.	.7									1.1	6.0
SSE	.	.7	2.5	1.7	.7							3.2	8.9
S	1.1	2.7	2.7	1.1	.4	.2						14.7	9.1
SSW	1.3	3.6	3.4	1.2	1.3	.5						22.1	10.4
SW	1.7	4.6	2.4	1.6								10.3	6.5
WSW	1.2	2.6	2.9	.8								5.5	6.3
W	.	.7	1.1	.5								5.5	5.5
WNW	.	.	.7									1.2	5.4
NW	.	.	.5									1.7	6.4
NNW		.	.7									.5	4.0
VARBL													
CALM												1.0	
	.7	6.1	9.2	27.6	5.2	1.2						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOV AFS AK YEARS 73-84 MONTH JUL
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 1800-1700

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	3.5	5.7	1.2	.2						10.1	11.1
NNE		.5	7.2	4.2	1.7	.2						1.4	12.2
NE	.1	.5	1.1	2.0	.9	.5						1.1	13.0
ENE	.1	.5	.5									1.1	5.3
E	.1	.5	.2									.4	5.2
ESE		.2	.2									.4	6.0
SE		.2	.5									.4	7.2
SSE	.2	.2	.6		.3							1.2	10.1
S	1.4	3.1	4.1	5.2	.2	.5						15.1	9.9
SSW	1.1	2.9	7.2	8.4	1.8	.3						22.3	10.0
SW	.2	5.4	4.3	1.8								14.1	6.0
WSW	.5	2.9	3.5	.2								6.7	6.2
W	1.2	2.4	1.7									5.5	5.1
WNW	.1	1.4	.5		.2							1.2	6.7
NW			.5									.5	6.3
NNW		.2	.5									1.1	7.3
VARBL													
CALM												0.0	
	7.8	27.3	32.3	20.1	6.0	1.5						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 651

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10120 STATION NAME CAPE ROMANOV AFS AK YEARS 73-84 MONTH JUL
CLASS ALL WEATHER
CONDITION 100-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.4	2.9	1.5							11.2	11.2
NNE	.5	.2	3.9	6.4	2.0	.2						12.4	12.4
NE		.2	1.4	1.5	.9							4.1	12.4
ENE		.4	.2	.2								.7	7.0
E		.2	.2									.4	5.7
ESE		.2	.2									.6	5.3
SE			.2			.2						.2	15.0
SSE			.2	.2								.6	10.3
S	.2	3.5	5.7	4.3	.2	.3						14.7	9.4
SSW	1.4	4.1	6.9	6.9	1.9							31.2	10.0
SW	1.2	5.5	4.8	.9								12.1	8.5
WSW	1.2	3.1	2.9	.3								7.4	8.9
W	1.2	3.5	.9									5.5	4.9
WNW	.4	.4	.2									1.4	4.3
NW	.3	.3	.4									1.7	5.5
NNW	.2	.5	.2									1.1	5.3
VARBL													
CALM													
	7.5	25.4	31.5	20.5	6.5	.5						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
CAPTAC
AT WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMAN OF AFS AK YEARS 73-74 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 1100-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.7	1.2	1.2							1.4	11.4
NNE	.1	2.5	4.9	7.6	2.2							17.4	11.4
NE	.1	2.5	2.7	4.9	1.9							10.1	11.3
ENE	.1	.6	.9	.7								2.2	6.3
E	.1	.3	.7									.9	5.2
ESE	.1	.2	.2									.4	4.6
SE	.1	.3	.3									.6	5.3
SSE	.1	.3	1.1	.2	.2							1.8	7.9
S	1.7	4.5	5.7	7.7	.9							11.1	8.6
SSW	1.7	4.5	5.9	3.2	1.5							10.3	7.1
SW	1.7	2.1	5.4	.9	.2							10.4	7.1
WSW	.1	2.5	.6									4.1	4.4
W	1.1	1.4			.2							2.1	4.5
WNW	.1	.2										.3	3.3
NW	.1	1.1		.2								1.7	5.0
NNW	.1	.6		.2								.4	5.3
VARBL													
CALM													
	2.4	24.7	23.2	21.7	5.1							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 JUL 1964 CAPE ROMANOV AFS AK 74-64
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION

JUL
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	1.4	.7	.7	.7						5.7	12.7
NNE	.4	1.7	7.7	1.7	1.3	.2						13.1	11.4
NE	.4	1.4	1.7	2.6	.6	.1						7.4	10.0
ENE	.4	.7	1.7	.5	.1							2.7	7.3
E	.4	1.2	.7	.6								2.2	5.4
ESE	.4	.5	.7	.1								1.1	5.6
SE	.4	.5	.7	.1		.1						1.2	6.2
SSE	.4	.5	.6	.6	.1							2.3	6.3
S	1.4	4.1	4.6	4.7	.6	.2						13.2	9.3
SSW	1.4	3.7	5.6	5.9	1.5	.2						14.3	9.3
SW	1.7	3.4	3.5	1.4	.7	.1						10.1	7.3
WSW	.7	1.7	1.6	.3								4.3	6.1
W	.7	2.2	.7	.1	.1							3.7	5.2
WNW	.7	.5	.7	.7	.7							1.6	5.5
NW	.7	.4	.7	.7								1.3	5.3
NNW	.1	.3	.2	.1								.7	5.9
VARBL													
CALM												5.4	
	.2	24.6	7.7	24.4	5.3	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 5276

U.S. AIR FORCE CLIMATE SERVICE
 WAFETAC
 WAFETAC SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 STATION NAME CAPE OMAN OF AFO AK YEARS 77-84 MONTH 2
 CLASS ALL WEATHER
 CONDITION 000-220
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.5	4.7	1.7	.2	.3	.1					11.7	9.4
NNE	.1	2.7	5.7	4.3	2.0	.3						11.4	11.4
NE	1.1	1.7	3.4	.3	.4	.1						2.2	9.4
ENE	1.2	1.2	1.2	.8								5.1	6.9
E	.1	.4	.7									1.4	2.2
ESE	.1	.1	.1	.1								1.2	2.2
SE	.1	.1	1.1	1.2								3.2	4.5
SSE	.1	.1	.1	1.3	.7							3.2	11.1
S	.1	1.2	5.7	3.2	1.2	.3						11.2	11.2
SSW	.1	1.5	4.3	1.9								6.6	6.6
SW	.1	1.2	1.2	1.2	.4	.4						6.1	10.1
WSW	.1	.7	.2	.5								6.2	7.7
W	.1	.1	.4	.4								1.7	6.5
WNW	.1	.4	.1									.7	4.3
NW	.1	.1	.1		.1							.5	4.3
NNW	.1	.1	.2	.2								1.3	6.5
VARBL													
CALM												17.5	
	1.1	1.5	2.2	1.6	5.6	1.3	.1					17.5	7.4

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 CAPE ROMAN OF AFS AK STATION NAME 77-P4 YEARS MONTH 1977
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.6	3.2	1.3	.7	.3	.1					7.3	9.0
NNE	1.1	3.3	5.5	3.9	.8	.3						14.3	9.4
NE	1.5	2.4	7.5	3.2	.7	.1						11.5	8.0
ENE	.	1.6	.3	.4								3.4	5.7
E	.7	1.1	.3	.7								3.3	6.3
ESE	.1	.4	.1	.4								1.1	7.3
SE	.3	1.3	.3	1.2								4.2	6.3
SSE	.	1.1	1.7	.8								4.2	7.7
S	.	2.3	3.1	4.5	1.5	.3						13.6	11.0
SSW	.	.5	3.6	1.6								5.6	8.9
SW	.4	.7	1.6	.8	.5		.4					4.4	11.4
WSW	.	1.1	.7	.4								3.4	6.4
W	.	1.2	1.1	.1								3.2	6.3
WNW		.4	.1									.3	6.0
NW	.1	.7	.1									1.2	4.4
NNW	.	.1	.4	.1	.3							1.2	10.2
VARBL													
CALM												10.3	
	1.0	23.3	23.4	10.7	4.2	.9	.5					10.0	7.0

TOTAL NUMBER OF OBSERVATIONS 744

U. S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTC
 AIR WEATHER SERVICE/AFMTC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-12 STATION NAME CAPE JOHANNESBURG AFMTC YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER
 CONDITION
 HOURS (L S T) 00-2400

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0	4.0	4.0	4.0	4.0						1.0	1.0
NNE		1.0	4.0	4.0	4.0	4.0						1.0	1.0
NE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
ENE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
E		1.0	1.0	1.0	1.0	1.0						1.0	1.0
ESE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
SE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
SSE		1.0	1.0	1.0	1.0	1.0						1.0	1.0
S	1.0	1.0	1.0	1.0	1.0	1.0	1.0					1.0	1.0
SSW	1.0	1.0	1.0	1.0	1.0	1.0						1.0	1.0
SW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
WSW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
W	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
WNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
NW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
NNW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0
VARBL													
CALM												1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 144

U.S. AIR FORCE
CLIMATE SERVICE
CLIMATE SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 77-24 YEARS: 1950-1951 MONTH: 11

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.0	.4	1.1	.1	.7					1.1	1.1
NNE	.1	1.0	2.0	.4	2.0	.1						1.1	1.1
NE	.1	1.0	2.0	.4	.4							1.1	1.1
ENE	.1	.1	.1	.1								1.1	1.1
E	.1	.1	.4	.1								1.1	1.1
ESE	.1	.4	.1	.3	.1	.7						1.1	1.1
SE	.1	.1	1.7	1.7								1.1	1.1
SSE	.1	1.7	.1	.4	.1							1.1	1.1
S	1.1	3.0	4.0	1.6	1.7	.7						1.1	1.1
SSW	.1	2.7	1.1	1.4	.4	.1						1.1	1.1
SW	1.1	1.7	1.1	.4	.1	.7	.1					1.1	1.1
WSW	.1	.7	.1	.1								1.1	1.1
W	.1	.1	1.7	.1								1.1	1.1
WNW	.1	.1	.1									1.1	1.1
NW	.1	.1	.1									1.1	1.1
NNW	.1	.1	.1	.1	.1	.3						1.1	1.1
VARBL												1.1	1.1
CALM												1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE CLIMATE DIVISION
 AFM 7-10.1
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: CAPE ROMAN OF AFRICA YEARS: 77-78 MONTH: ALL HOURS (L.S.T.): ALL

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	7.0	4.0	1.7	.7	.1	.1				10.7	12.8
NNE	.0	.0	4.0	7.0	4.0	7.4	.0	.0	.1			7.1	15.8
NE	.0	1.1	3.7	1.8	.5	.1						4.4	9.3
ENE	.0	1.0	1.7	.0	.1	.0						2.7	8.0
E	.0	.0	.0	.3	.1	.0						0.2	7.0
ESE	.0	.0	.0	.0	.0	.0						1.0	8.0
SE	.0	.0	.0	.0	.3	.2	.0					3.0	10.8
SSE	.0	.0	1.0	1.0	.0	.4	.2					5.0	12.0
S	.0	1.3	1.0	1.0	1.2	.0	.1	.0	.0	.0	.0	4.4	12.0
SSW	.0	.0	1.0	1.0	.3	.1	.0			.0		3.1	9.9
SW	.0	1.0	1.0	1.0	.7	.2						4.7	9.0
WSW	.0	.7	.0	.0	.3	.1						3.0	9.0
W	.0	.0	.0	.0	.1							1.0	7.7
WNW	.0	.0	.0	.3	.1	.1	.0					1.7	9.1
NW	.0	.0	.0	.0	.3	.4	.0					2.0	12.1
NNW	.0	.0	.0	.3	.0	.1	.0					1.1	9.3
VARBL													
CALM													
	.0	10.0	20.0	20.0	11.0	7.0	1.0	.7	.1	.1	.0	10.0	11.1

TOTAL NUMBER OF OBSERVATIONS 174

JOINT CLIMATE CENTER
AFMTC
AIR WEATHER SERVICE (AWC)

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77-84 STATION NAME CAPT TOMAN OF AFMTC YEARS 1964 MONTH 10-20
CLASS ALL WEATHER HOURS (L & T) 100-200
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	4.3	5.2	1.1	1.1						11.7	11.7
NNE	.1	2.4	5.3	3.3	4.3	4.3	1.1	.4	.1			20.1	15.4
NE	.1	2.4	5.3	1.3	.6							10.1	7.1
ENE	.1	1.1	1.1	.6								3.2	7.1
E	.1	.1	.7	.7	.1							2.2	6.7
ESE	.1	1.1	.7	.1								1.7	4.7
SE	.1	1.7	.7	.6	.6	.3	.1					4.4	10.7
SSE	.1	1.7	.7	.6	.7	.4	.4					4.7	10.3
S	.1	1.1	1.7	3.3	1.1	.4						7.6	12.3
SSW	.1	1.1	.7	1.7	.3	.4	.1					4.1	10.3
SW	.1	.7	1.7	1.7								4.1	8.3
WSW	.7	.7	.7	1.7	.3							3.7	7.3
W		.7	1.4									2.2	7.3
WNW	.1	.7	.4	.1	.1							1.2	7.3
NW		.7	.6	.7	.6	.7						3.1	10.3
NNW	.1	1.4	.7	.3	.1	.1						2.1	7.7
VARBL													
CALM													
	1.7	17.2	23.4	26.5	2.4	7.3	1.1	.4	.1			10.1	11.2

TOTAL NUMBER OF OBSERVATIONS 100

GENERAL CLIMATOLOGY - WARCH
 30AFETAC
 AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 CAPE ROMAN OF AFS AK STATION NAME 77-84 YEARS MONTH 7-80 HOURS (LST) 1

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	2.4	4.1	2.2	.8	.1	.1				14.2	12.7
NNE	.	2.2	4.3	11.4	5.8	4.8	1.6	.6				24.6	15.7
NE	.	1.2	1.7	1.2	.7	.1						.	10.3
ENE	.1		1.	.6	.1							1.	4.7
E		.4	.1	.1	.3							.7	12.2
ESE		.	.3	.6								1.1	4.8
SE	.4	1.3	1.7	.1	.3	.3						4.1	9.3
SSE	.1	.7	1.7	1.2	1.5	.6						5.2	13.1
S	.6	1.3	1.7	3.2	1.2	.6	.3			.1	.1	4.9	13.8
SSW	1.7	1.3	2.7	1.5						.1		7.7	9.1
SW	.	1.4	2.1	1.2	.1							6.0	8.4
WSW	.4	1.3	.7	.8	.1							3.1	8.8
W	.1	1.1	.4	.1								1.7	6.8
WNW	.7	.4	1.7	.4								2.1	7.7
NW	.1	.4	.1	.6	.4	.5						2.9	13.1
NNW	.7	.6	.2	.7		.3	.1					3.	10.7
VARBL													
CALM													
	7.4	15.6	21.2	30.1	12.1	7.2	2.1	.7		.2	.1	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMA, OF AFS AM YEARS 77-81 MONTH ALL
CLASS ALL WEATHER
CONDITION 1980-1981
HOURS (LST) 1980-1981

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1	4.8	5.5	2.6	1.1	.1	.3				10.2	13.4
NNE	.1	1.7	4.9	7.9	5.1	2.1	1.4	.4				20.4	15.8
NE	.1	1.1	1.4	.1	.7	.1						5.7	11.6
ENE	.1	.1	.1	.4	.2	.1						1.7	4.4
E		.1	.4	.4		.1						1.2	11.4
ESE	.1	.7	.6	.1	.1							1.4	8.4
SE	.1	.3	.1	.6	.7							1.1	10.7
SSE	.1	.4	1.4	1.2	.7	.4						4.3	12.7
S	.1	1.7	2.7	4.3	.7	1.5		.1	.1	.1		11.4	12.5
SSW	.1	1.1	2.1	1.4	.1	.1						6.1	8.7
SW	.1	1.7	1.7	.5	.4	.1						5.7	10.1
WSW	.1	1.1	1.7	.7	.1							3.8	7.6
W	.1	.1	.1	.6	.1							4.1	7.1
WNW	.1	.7	.7	.7	.4							2.8	4.3
NW	.1	.4	.7	.7	.6	.5						2.4	12.2
NNW	.1	.3	1.7	.1								1.1	6.2
VARBL													
CALM												1.3	
	4.1	14.1	25.7	20.4	17.3	5.5	1.5	.2	.1	.1		100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 172

JET CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER HOURS (L S F) 100-140
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	4.7	.3	1.9	.6	.4					10.1	12.7
NNE	.1	1.7	5.7	2.2	4.0	2.7	1.1	.1				24.7	15.2
NE	.1	.4	2.1	2.9	.4	.3						7.2	11.4
ENE	.1	.4	.7	.4	.1							1.0	9.5
E	.1	1.1	.3	.3	.4							2.4	8.4
ESE	.1	.3	.5									1.0	8.0
SE	.1	.4	1.6	.6	.4	.1						4.3	10.7
SSE	.1	1.1	1.1	1.1	.6		.1					4.3	10.7
S	1.1	2.4	2.2	3.3	2.1	.1	.7					10.1	12.1
SSW	1.1	1.7	2.5	1.9	.3	.1						7.0	8.3
SW	.1	1.7	1.4	2.7								3.1	9.0
WSW	.1	.1	.4	1.1	.4							2.0	11.2
W	.1	1.1	.7	.6								2.0	7.8
WNW		.7	.7	.1	.1	.1						1.1	9.1
NW	.1	.7	1.4	.5	.3	.4						3.1	11.2
NNW		.7	.1	.6	.1	.3						1.1	12.3
VARBL												.7	
CALM													
	.1	14.0	26.7	7.9	11.2	5.7	1.5	.1				10.0	11.0

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE ROMANOV AFS AK YEARS 77-84 CLIP SEP
 CLASS ALL WEATHER MONTH NORTH
 HOURS (L.S.T.) 00-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	3.7	5.7	1.5		.1					1.2	11.4
NNE	.2	1.7	4.2	5.5	5.3	2.5	.5	.0	.3			23.1	15.4
NE	.1	1.1	3.3	5.4	.7	.4						11.7	9.5
ENE	.2	1.2	1.2	1.1								3.9	8.6
E		1.0	.7	.3								2.1	6.7
ESE	.2	.2	.4									2.1	4.7
SE		1.0	.7	.4	.3	.3						2.3	7.7
SSE	.2	.2	1.5	1.5	1.5	.7	.1					2.1	12.7
S	.2	1.4	2.7	3.3	1.7	.4	.1					6.6	11.6
SSW	.2	.2	1.1	1.5	.1							3.2	9.5
SW	.2	1.4	1.2	.7	.1							3.7	6.2
WSW	.2	.2	1.2	.7	.3	.3						3.4	10.4
W	.2	1.0	1.7	.4								2.1	7.0
WNW	.1	.4	.5	.1	.3	.1						1.7	10.3
NW	.1	.2	.5	.5		.4						2.2	11.7
NNW		.2	.7	.1		.4						1.0	11.5
VARBL													
CALM												5.0	
	1.2	17.4	25.0	21.3	11.2	5.4	1.2	.6	.3			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 72

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 123 STATION CAPE ROMANOF AFS AK 77-84 YEARS MONTH 12
ALL WEATHER CLASS 1950-1959 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.4	3.1	2.0	1.2	1.1						1.2	11.2
NNE	1.2	2.0	5.1	7.1	6.4	2.9	.6	.3	.1			25.7	14.4
NE	1.1	2.0	2.0	2.1	.4	.1						1.6	6.5
ENE	.	2.0	2.0	.7	.1	.1						3.1	7.7
E	.	1.0	1.1									2.1	5.7
ESE	.	.4	.6	.7								1.1	5.5
SE	.	1.1	1.1	.4	.1	.3						3.3	4.2
SSE	.7	1.1	.7	1.2	.3	.7	.1					3.1	10.7
S	.2	1.0	2.0	2.9	1.5	.7	.1					7.7	12.3
SSW	.2	.7	1.7	1.2	.1	.1						3.3	10.3
SW		.	1.2	.6	.2							2.7	8.7
WSW		.7	.6	.4	.7	.1						1.7	12.5
W	.2	.7	1.1	1.1	.7							3.5	8.7
WNW	.1	.5	.4									1.1	6.5
NW	.1	1.2	.6	.4		.5						3.1	10.7
NNW	.1	.4	.3	.4			.1					1.4	10.5
VARBL													
CALM												7.1	
	7.1	12.0	25.3	23.7	10.1	4.2	1.0	.3	.1			10.5	10.4

TOTAL NUMBER OF OBSERVATIONS 77

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM-ETAC
 AIR WEATHER SERVICE/AMC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 100 CAPT. QMAN OF AFS AM STATION NAME 77-64 YEARS 1950-1959

ALL WEATHER CLASS

CONDITION

BIRTH 1900-1900 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.0	4.4	1.4	.7		.1				11.6	11.4
NNE	1.0	1.0	4.6	6.7	5.1	4.6	.1	.4				20.1	15.3
NE	1.0	6.1	4.0	2.2	.3							1.6	6.1
ENE	.0	.0	2.0	1.2								1.6	6.5
E	.0	1.1	1.1	.1								1.0	6.1
ESE	.1	1.1	.4	.6								2.2	7.3
SE	.0	.4	1.0	1.0	.3	.6						4.0	10.3
SSE	.0	.0	2.0	1.1	.3	.3	.1					4.0	10.5
S		.0	1.1	3.1	1.2	.4						6.0	14.0
SSW	.0	.4	1.2	1.7	.1	.1						4.4	9.9
SW	.1	.1	1.0	1.5								3.0	10.1
WSW		.0	.7	.7	.4							2.0	10.7
W	.0	.3	.7	.6								1.6	8.0
WNW	.1	.4	.7	1.0	.1							2.4	10.4
NW	.0	1.0	.4	.3	.1	.3						2.4	9.4
NNW	.0	.6	1.0	.3								4.1	7.5
VARBL													
CALM													
	6.0	14.9	16.2	20.4	9.4	7.4	.3	.6				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 120

JOINT CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOF AFS AK YEARS 77-84 MONTH SEP
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.5	3.5	4.0	1.7	.4		.1				12.5	11.5
NNE	.1	3.2	4.7	5.1	3.2	2.2	.4	1.1				23.5	14.5
NE	1.1	3.1	4.3	3.9	.6							11.7	8.5
ENE	.7	1.4	2.6	1.1	.1							5.5	8.0
E	.1	.5	1.2	.6								2.2	7.3
ESE	.	1.2	.4	.1		.1						2.5	6.3
SE	.	.2	1.1	.7	.4	.1						2.7	11.1
SSE	.	1.1	1.4	1.1	1.1	.3	.4					6.1	12.1
S	.1	.5	1.2	2.6	.4	.6						6.5	12.2
SSW	.5		1.1	1.4	1.0							4.5	12.1
SW	.1	.7	1.3	1.2	.3							4.4	9.2
WSW	.4	.6	.4	.4	.6							2.4	10.3
W	.1	.3	.6	.7								1.7	9.2
WNW	.1	.3	.3	.1			.1					1.1	10.1
NW	.1	.7	.6	.6	.7	.1	.1					2.7	12.2
NNW	.1	1.3	.9									2.1	6.3
VARBL													
CALM												6.1	
	2.7	17.9	25.0	23.7	10.7	5.1	1.1	1.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1.07 CAPE ROMAN OF AFS AK

77-84

ALL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	4.2	4.1	1.3	.4	.1	.1				12.4	11.3
NNE	.7	2.1	4.0	4.3	1.6	.5	.1					15.1	11.2
NE	.0	1.7	2.3	2.2	.6	.2						7.7	9.6
ENE	.0	.9	.8	.2								.3	6.3
E	.0	.7	.5	.2								1.7	6.2
ESE	.0	.0	.4	.1	.0	.0						1.3	6.7
SE	.0	.0	.4	1.3	.2	.1						3.5	9.0
SSE	.3	.7	1.2	1.8	.5	.1						4.8	10.7
S	1.1	2.4	4.5	4.1	1.5	.2						13.6	10.3
SSW	1.1	2.2	4.1	2.7	.3	.1						2.7	8.3
SW	1.1	1.0	1.6	.9	.5	.2	.1	.0				6.3	8.0
WSW	.0	1.1	.0	.5								.0	6.1
W	.0	1.0	.0	.1								2.0	5.9
WNW	.0	.4	.2									.4	4.4
NW	.0	.5	.2	.1	.0	.0						1.2	6.3
NNW	.0	.4	.0	.4	.1	.1			.0			1.0	9.7
VARBL													
CALM												11.4	
	2.5	19.2	27.2	23.4	6.6	1.7	.2	.1	.0			102.0	8.4

TOTAL NUMBER OF OBSERVATIONS

5752

JOURNAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 77-120 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-84 MONTH 10
 CLASS ALL WEATHER
 CONDITION
 HOURS (L.S.T.) 100-23

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	4.4	7.7	1.2	.5						14.4	12.0
NNE	.7	2.3	5.0	6.9	2.4	.3						17.5	11.0
NE	1.1	2.3	2.0	2.6	.8							4.8	9.0
ENE	.7	1.3	.5	.3								3.2	6.0
E	.7	.5		.1								.9	4.0
ESE	.0	.1	.1									.2	3.0
SE	.1	.7	.4	1.3	.1							2.7	10.0
SSE		.7	1.3	.7	.8	.1						3.6	11.0
S	.3	2.3	4.6	7.7	1.5	.3						11.5	10.0
SSW	.3	2.2	3.5	1.9	.1							5.5	8.0
SW	.3	1.5	1.5	1.3	.8							6.5	8.0
WSW	.3	.5	.4	.1								2.2	5.0
W	.3	.4	.4									1.2	4.0
WNW	.7	.1										.8	2.0
NW	.7	.4	.1									1.2	3.0
NNW	.3	.1	.9	.4								1.7	6.0
VARBL													
CALM												14.0	
	5.6	16.5	27.7	24.6	7.8	1.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 70

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 100 STATION CAPE ROMAN OF AFRICA 77-84 YEARS MONTH ALL WEATHER CLASS 1000-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.5	5.2	8.5	1.7	.8	.1	.3				15.5	12.
NNE	.4	1.7	4.6	6.1	1.5	.7	.3					16.5	12.
NE		.4	1.5	1.3	.5	.3						4.2	12.
ENE	.1	.4	.7	.1								1.5	7.
E		.5	.1									1.2	4.
ESE	.1	.4	.1									.7	4.
SE	.1	.1	.4	1.3	.1							2.2	12.
SSE	.7	.7	1.3	.9	.1	.4						4.2	10.
S	1.5	1.7	4.8	4.8	1.7	.1						14.5	10.
SSW	1.1	3.8	3.5	1.6	.7	.1						10.5	8.
SW	1.2	2.4	3.5	.6	.4							8.1	7.
WSW	1.5	1.6	.9	.3								4.4	5.
W	.1	.7	.5									2.0	4.
WNW	.2	.4	.5									1.5	5.
NW	.1	.4	.3									.6	0.
NNW		.5	1.3	.7								2.6	9.
VARBL													
CALM												0.0	
	7.4	16.9	29.7	25.7	6.9	2.4	.4	.3				100.0	7.

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77-127 STATION NAME CAPE ROMANOF AFS AK YEARS 77-84 MONTH AUG
CLASS ALL WEATHER 1950-1977
CONDITION 1950-1977
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	4.2	5.4	2.6	.4	.1	.1				14.2	12
NNE	.2	.2	3.5	5.7	1.7	.4	.2					14.7	12
NE		.2	1.2	1.2	.3	.5						3.0	12
ENE	.2	.2	.2									1.1	5
E	.1	.3	.4									.7	6
ESE		.4	.4									.8	7
SE	.4	1.1	.1	.2	.4							2.0	9
SSE	.1	.2	1.1	2.4	.5	.4						3.5	11
S	.2	1.7	5.2	5.3	1.7							14.5	15
SSW	1.2	3.4	4.6	3.1	.4							12.0	8
SW	1.2	2.5	3.2	1.2	.4	.1						4.3	7
WSW	1.2	1.7	1.1	.1								4.0	4
W	1.2	1.1	.7	.1								3.1	5
WNW	.2	.4	.2									.9	5
NW	.4	.2	.7	.2								1.4	6
NNW	.1	1.2	1.1	.4	.1				.1			3.1	4
VARBL													
CALM												4.5	
	.2	19.1	20.5	17.6	9.2	2.3	.4	.1	.1			110.1	9

TOTAL NUMBER OF OBSERVATIONS 7

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 122 STATION NAME CAPE ROMAN OF AFS AF YEARS 77-84 MONTH ALL
CLASS ALL WEATHER
CONDITION 10-14
HOURS (L.S.T.) 10-14

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	.1	2.3	4.2	.1	.1	.4	.1					10.4	11
NNE	.1	1.5	7.0	.1	1.7	.9	.1					12.2	12
NE	.1	1.7	1.0	1.1	.7	.3						5.2	5
ENE		.1	.9									.7	1
E	.1	.7	.1	.1								1.1	2
ESE	.1	.1	.1		.1							1.5	1
SE	.1	.1	.7	1.1	.5	.1						3.5	11
SSE	.1	1.1	1.4	3.2	.7							5.5	11
S	2.4	2.6	5.1	4.6	1.7	.1						15.5	15
SSW	1.2	2.5	5.6	1.7	.3	.1						11.5	11
SW	2.2	2.7	1.6	.8	.7	.4						5.2	7
WSW	1.2	1.7	1.1	.8								3.2	6
W	1.0	1.2	1.2									3.4	5
WNW	.4		.3									.7	2
NW	.1	.7	.1	.7		.1						1.7	5
NNW	.7	.1	.7	.7	.3							2.5	5
VARBL													
CALM												5.4	
	11.0	27.2	24.1	22.7	9.7	2.9	.3					100.0	

TOTAL NUMBER OF OBSERVATIONS 1000

FEDERAL CLIMATOLOGY PROGRAM
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION CAPE ROMAN, GF AFB, TX STATION NAME CAPE ROMAN, GF AFB, TX YEARS 77-84 MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL WEATHER
 HOURS (L.S.) 24

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.7	1.7	2.6	2.9	2.8	1.3	.8	.1				14.8	1
NNE	1.7	1.7	4.4	5.5	4.7	3.9	1.8	.5	.1			22.5	1
NE	1.7	.7	5.7	1.6	1.2	1.7	.8	.1				17.1	1
ENE	.7	.4	1.7	2.6	.8	.7	.4	.1				7.7	1
E	.7	1.7	1.1	1.9			.1					5.5	
ESE	.7	.7	1.1	1.1								3.4	
SE	.7	.7	1.6	.5								3.5	
SSE	.1	.1	1.7	.4								2.0	
S	.7	1.1	1.6	2.2	.7	.7						6.7	1
SSW	.1	.7	.7	.5	.3	.1						3.3	1
SW		.7	.7	.5								3.3	
WSW	.1	.3	.5	.3								1.2	
W	.1	.7	.4	.5	.1							1.7	
WNW	.1	.7	.7	.3	.1							1.5	
NW	.1	.7	.7	.7	.7							3.3	
NNW	.1	.3	.4	.4	.8	.3		.1	.1			2.6	1
VARBL													
CALM												.1	
	1.4	17.2	22.3	25.4	10.6	8.7	3.6	1.1	.3			100.0	1

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WIN

STATION 12 STATION NAME CAPE ROMAN OF ARS AK YEARS 77-84

CLASS ALL WEATHER

CONDITION _____

HOURS (_____)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.0	1.0	1.0	0.0	1.0	0.0	0.0	.1				1.0
NNE	1.0	2.4	4.3	0.7	0.0	0.0	0.0	.7	.3			24.1
NE	.0	1.0	4.0	0.4	1.0	1.0	0.0	.4				14.0
ENE	.0	.7	1.1	1.0	1.1	0.0	.0	.1				0.0
E	1.0	1.1	1.7	1.0	.1	.1						0.0
ESE	.0	1.0	1.0	.0								0.0
SE	.0	.0	1.1	.0	.1							0.0
SSE	.4	.0	1.0	1.0	.1							4.0
S	.4	1.1	1.0	0.0	1.1	.7						7.0
SSW	.0	.0	.7	.0		.4						0.0
SW	.1	.0	.0	.7								1.0
WSW		.0		.1								.4
W	.1	.4	.0	.0								1.0
WNW	.0	.1	.4	.0		.1						1.0
NW		.0	.4	.0	.4							1.0
NNW	.1	.4	.0	.0	.4	.4	.1	.4				0.0
VARBL												
CALM												7.0
	0.0	1.0	2.0	2.0	0.0	0.0	0.0	1.0	.0			10.0

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 CAPE ROMAN OF AFS AK STATION NAME 77-84 YEARS NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.4	2.7	1.7	1.5	.4					11.4	13.1
NNE	1.1	1.2	4.3	7.7	4.3	3.7	1.7	1.3				22.3	16.1
NE	1.1	2.4	2.4	2.7	2.3	1.3	1.9					13.1	13.1
ENE	.1	1.1	.4	1.7	.7	.8	.3					6.6	13.1
E	.7	1.3	.4	1.7	.3		.1					3.1	9.1
ESE	.1	1.1	1.7	1.1								3.7	6.1
SE	.1	.8	.4	.4								2.4	6.1
SSE	.1	.4	1.3	.9								3.1	9.1
S	.1	.4	.7	2.7	1.6	.3						6.6	12.1
SSW	.4	.8	.4			.4						1.7	9.1
SW		.8	.7	.1								.5	6.1
WSW		.2	.3	.3								.3	9.1
W	.1	.7	.7	.3								1.7	7.1
WNW	.1	.3	.7		.1							1.3	7.1
NW		.5	.9	.3	.4	.1	.1					7.3	12.1
NNW	.1	.7	.5	.5	.7	.1	.4					3.2	13.1
VARBL													
CALM												6.6	
	.1	14.9	19.5	24.2	12.1	7.5	5.0	1.3				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 7

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 77-127 STATION NAME CAPE ROMAN, OF AFS AK YEARS 77-84 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 210-11
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEED
N	.1	1.7	2.0	3.6	2.2	1.3	.1					11.4	14
NNE	.1	1.0	3.2	7.4	4.7	3.5	1.9	1.1	.1			23.7	16
NE	.7	1.7	3.5	4.2	1.6	1.5	1.1	.4				14.7	14
ENE	.4	.5	2.7	2.7	1.3	.1		.4				6.9	13
E	.1	.5	.4	1.1	.0	.4						3.5	13
ESE	.1	.7	1.3	.5								3.7	6
SE	.1	.4	1.3	1.9								4.2	9
SSE	.7	.0	.7	.9								2.4	0
S	.7	.0	.4	3.7	1.2	.4						6.5	12
SSW	.1	.3	.5	.1		.4						1.5	12
SW	.1	.3	.5	.4								1.3	0
WSW		.7	.5	.8								3.0	6
W	.1	.4	1.0	.3								2.4	7
WNW	.7	.4	.1									.5	5
NW		.1	.7	.7								1.3	7
NNW		1.2	.1	.7	.7	.0	.1					4.4	13
VARBL													
CALM												.1	
	1.1	14.4	12.7	27.2	12.5	2.6	3.2	1.9	.1			100.0	12

TOTAL NUMBER OF OBSERVATIONS 7

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE TOMA, OF AF, AK STATION NAME 77-44 YEARS 1950-1951 MONTH 1950-1951
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	3.1	4.2	2.3	1.5	.7					11.1	13.0
NNE	.1	1.5	4.0	3.0	4.0	5.0	1.9	.4	.1			21.7	16.0
NE	.1	1.7	1.5	2.2	1.6	1.5	.5	.7				11.4	15.0
ENE	.1	.4	.0	1.7	2.0	.1	.1					.5	14.0
E	.1	.5	1.5	1.1	.1	.4	.7					4.3	14.0
ESE	.1	.1	.4	.3	.3							1.4	10.0
SE	.1	.7	.7	1.2	.3							1.1	10.0
SSE	.4	.0	.8	.0	.4							.0	7.0
S	.1	.7	1.6	1.9	.8	.4						6.2	11.0
SSW	.1	.5	.7	.8	.7	.4						3.4	13.0
SW	.1	.3	.3	.3								1.1	7.0
WSW	.1	.4	.5	.5								1.5	8.0
W	.1	.7	1.2	.4								2.4	8.0
WNW		.4	1.1	.1								1.5	8.0
NW	.4	.5	.5		.3	.5						2.3	11.0
NNW	.1	.7	.7	.7	.5	.4						2.1	12.0
VARBL													
CALM													
	.1	10.6	12.2	16.9	17.3	10.2	3.5	1.1	.1			110.6	12.0

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMANOF AFB AK YEARS 77-84 MONTH 01
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	7.2	.9	7.2	1.2	.4					12.2	13.0
NNE	1.1	1.2	3.1	7.9	4.6	4.5	1.6	1.7				23.7	16.3
NE	.1	.1	1.1	1.3	.5	2.3	.1	.7	.4			6.3	17.7
ENE	.1	.1	.1	2.7	1.4							4.6	14.3
E	.1	.4	.1	1.1	.7	.1	.1					3.3	12.5
ESE	.1	.1	.1	.4	.7							2.7	6.1
SE	.1	.4	.1	.7	.3	.1						3.1	9.4
SSE		1.1	.1	.4	.3	.7						2.6	10.7
S	1.1	1.1	1.1	1.6	.5	.7	.1					7.6	13.0
SSW	.1	.1	.1	.1	.7							4.2	9.1
SW	.1	.1	.1	.7	.4							3.2	9.0
WSW	.1	.1	.4	.1								.1	7.3
W	.1	.1	.7	.1								1.6	6.3
WNW	.1	.4	1.1	.7								3.3	9.7
NW	.1	.7	.1	.4	.3	.1	.1					2.4	10.0
NNW	.1	.1	1.1	1.2	.4	.5	.5					4.7	14.1
VARBL													
CALM													
	.1	12.1	12.7	12.7	14.1	9.9	7.1	1.4	.4			10.0	12.7

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATE LOG BRANCH
 100-110
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

100-110 CAPE ROMAL OF AFS AK

77-84

YEARS

MONTH

ALL WEATHER

CLASS

CONDITION

100-110
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	1.6	2.2	1.5	.7	.7				11.1	14.2
NNE	1.1	2.2	4.7	1.5	1.0	1.4	2.4	.4	.1			27.4	15.7
NE	1.1	.1	2.4	1.1	2.2	1.1	.1	.1	.4			11.1	15.7
ENE	.1	.1	1.1	1.7	1.7	.8						6.7	13.4
E	.7	.4	.1	1.6	.7	.3	.3					4.3	13.2
ESE	.1	.7	.1	.1								1.1	6.7
SE	.4		1.6	.7	.1							1.1	10.4
SSE	.1	.1	.1	.3	.1							.1	10.4
S	.1	.1	.7	1.2	1.2	.1						1.1	11.3
SSW	.1	.1	1.1	.5	.3							1.1	6.3
SW		.1	.1	1.1								1.1	12.0
WSW	.1	.1	.1	.1								1.1	6.7
W	.1	.1	.1	.7								1.1	3.4
WNW	.1	.1	.1	.4	.3							1.1	4.7
NW		.1	.1	.1	.1	.1						1.7	13.4
NNW	.1	.1	.1	1.1	.4	.1						3.1	13.4
VARBL													
CALM												1.7	
	.1	10.3	10.4	25.4	14.0	2.5	3.5	1.6	.6			11.1	12.5

TOTAL NUMBER OF OBSERVATIONS

744

U.S. AIR FORCE CLIMATE CENTER
 AFETAC
 AIR WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120 STATION NAME CAPE ROMATE OF AFB AK YEARS 77-84 MONTH ALL
 CLASS ALL
 CONDITION ALL
 HOURS (LST) 120-220

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	2.4	3.6	2.3	1.2	1.2					1.1	1.1
NNE	1.1	2.4	4.7	7.0	3.2	4.7	1.0		.1			1.1	1.1
NE	1.1	1.1	2.4	2.7	1.2	1.5	.5	.4				1.1	1.1
ENE	.1	.1	1.2	1.0	1.0	.7						.1	1.1
E	.1	1.3	.1	1.6	.1	.1	.4	.1				.1	1.1
ESE	.1	.1	.1	.4	.1							.1	1.1
SE	.1	1.2	.1	.7	.3							.1	1.1
SSE	.1	.1	.1	.1	.1							.1	1.1
S	.1	.1	.1	1.1	.1	.1						.1	1.1
SSW	.1	.1	.1	.1	.4							.1	1.1
SW	.1	.1	.1	1.1								.1	1.1
WSW	.1	.1	.4	.1								.1	1.1
W	.1	.4	.1	.4								.1	1.1
WNW	.1	.1	.1	.4								.1	1.1
NW	.1	.1	.1	.7	.3	.3						.1	1.1
NNW	.1	.1	.1	.7	.1	.1	.1	.1				.1	1.1
VARBL												.1	
CALM												.1	
	5.1	13.7	21.0	21.5	17.9	2.9	4.5	1.3	.1			1.1	12.2

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATE DIVISION
 TAC
 WEATHER SERVICE MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION AFS 10MAN OF AFS AK 77-54 YEARS 197 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L.S.T.) ALL
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.4	4.7	2.2	1.3	.6	.1				13.3	13.3
NNE	1.7	2.8	4.1	7.9	4.1	3.9	1.8	.8	.1			20.1	16.1
NE	1.7	1.3	2.4	2.5	1.6	1.5	.8	.4	.1			13.3	14.6
ENE	.4	.4	1.7	1.0	1.3	.5	.1	.1				6.2	13.7
E	.4	.4	1.7	1.5	.4	.2	.2	.2				4.6	11.1
ESE	.4	.4	1.7	.6	.1							2.7	8.1
SE	.4	.4	1.1	.7	.2	.1						2.8	6.7
SSE	.4	.7	.3	.2	.2	.5						2.7	9.4
S	.4	.4	1.1	2.1	1.0	.6	.7					6.6	12.1
SSW	.4	.4	.3	.5	.3	.2						2.7	10.3
SW	.4	.4	.4	.6	.1							1.5	6.7
WSW	.4	.4	.4	.3								1.7	7.7
W	.4	.4	.7	.4	.0							1.7	7.7
WNW	.4	.4	.6	.3	.1	.0						1.6	8.3
NW	.4	.4	.6	.4	.2	.2	.0					2.2	10.8
NNW	.4	.4	.7	.7	.5	.5	.2	.1	.2			3.4	14.2
VARBL													
CALM												2.7	
	7.1	12.9	20.2	25.5	12.2	9.0	3.8	1.5	.2			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 5452

DEPTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127 CAPE ROMAN OF AFS AK STATION NAME 77-84 YEARS 1962-1963
MONTH 12
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4	1.7	2.4	1.4	1.1	1.4	.7				14.0	17.4
NNE	1.7	1.5	1.7	2.4	2.4	2.1	1.4	1.5				17.4	18.4
NE	.7	1.4	2.4	2.4	1.3	2.3	2.1	.7	.7			17.4	18.4
ENE	.7	.7	1.7	2.4	1.1	1.1	.4	.4				17.4	18.4
E	.4	.5	1.7	4.7	.8	.5	.1					17.4	18.4
ESE	.4	1.1	1.4	.1	.4	.1						17.4	18.4
SE	.7	.5	.7	1.4	1.3	1.1	.7	.1				17.4	18.4
SSE	.7	.7	.1	1.1	1.5	1.5	.7					17.4	18.4
S	.7	.7	1.7	2.4	2.4	1.2	.1					17.4	18.4
SSW	.1	.7	.1	.1	.7							17.4	18.4
SW	.1		.1	.7	.1	.1						17.4	18.4
WSW		.1	.1		.1	.3						17.4	18.4
W	.7	.1	.7		.1	.1						17.4	18.4
WNW		.1	1.7	.7								17.4	18.4
NW	.1	.4	.4	1.4	.4	.4						17.4	18.4
NNW	.1	.4	.7	1.1	.5	.1	.1	.1				17.4	18.4
VARBL												17.4	18.4
CALM												17.4	18.4
	.5	.2	14.0	22.2	17.5	12.6	6.7	7.5	.7			17.4	18.4

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE
 USAFETAC
 AIRCRAFT SERVICE UNIT

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10 DATE 10 MAR 64 OF AFB AN 77-64 YEARS 10 NORTH 30-00-00

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.4	1.5	1.7	1.1	1.7	.7				7.3	10.0
NNE	.0	1.0	2.1	2.2	2.0	1.3	1.4	1.0	.7			10.4	10.7
NE	.0	.0	2.0	2.1	1.4	1.7	1.0	.0				10.3	10.0
ENE	.0	.0	1.0	2.4	.7	1.3	1.0	.1				7.0	17.7
E	.0	.0	1.0	2.1	2.1	1.1	.1					0.0	14.0
ESE	.0	1.1	.0	.0		.1	.1					0.3	4.0
SE	.0	.0	1.1	1.0	.6	1.1	1.3					2.7	17.4
SSE	.0	.0	.7	1.4	1.1	1.0	.4					.4	10.4
S	.0	.0	1.0	2.5	1.0	.0	.0					7.0	10.4
SSW	.0	.1	.1	.0	.7							1.0	10.0
SW	.0		.7	.1	.3	.4						1.4	14.0
WSW				.7	.4							.7	10.0
W	.0		1.0	.7	.1							1.0	9.0
WNW		.1	.4	.4								1.0	7.0
NW	.1	.7	2.0		.4	.3	.1					2.0	11.7
NNW	.7	.3	.6	1.1	.4	.7	.7					2.0	14.7
VARBL													
CALM												1.1	
	.0	7.0	10.5	10.0	13.0	11.7	0.0	2.0	.7			10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 717

UNITED STATES AIR FORCE
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE EMAN OF AFB AK YEARS 77-84
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.0	2.0	1.0	2.1	1.1	1.0				1.7	12.0
NNE	.0	1.0	2.0	2.0	2.0	1.7	1.0	1.4				13.0	18.0
NE	.0	.7	1.1	2.4	1.5	2.4	.7	1.0	.6			11.2	9.0
ENE	.0	.4	.0	2.0	.0	2.1	.4	.7				7.0	8.0
E	.0	.0	1.1	2.6	1.3	1.0	.4	.1				7.8	14.0
ESE		.0	1.0	1.4	.6	.0	.1					7.0	14.0
SE	.0	.7	.0	.0	.0	.7	.4					4.2	15.1
SSE	.0	.7	1.0	.0	1.7	.0	.0					3.1	15.3
S	.0	.7	1.0	2.6	1.3	1.0	.0	.7				8.0	18.0
SSW		.1	.0	.1		.1						1.1	10.0
SW	.0	.1	.7	.6	.4	.1						1.7	12.0
WSW	.0	.1		.0								1.0	5.1
W	.0	.1	.0	.1								.0	7.0
WNW	.0	.3	1.4	.1								2.0	7.0
NW		1.0	1.0		.4	.3	.1					2.0	11.0
NNW		.4	1.4	.7		.5	.3					3.3	13.0
VARBL													
CALM												1.0	
	4.0	7.0	10.0	20.0	12.0	13.0	6.7	4.7	1.1			10.0	14.0

TOTAL NUMBER OF OBSERVATIONS 717

CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE SERVICE, MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1.7 NAME SMALLER AIRPORT YEARS 17-18 MONTH 17-18
 CLASS ALL AIRPORT
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NNE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ENE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
E	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
ESE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SSE	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
S	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SSW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
SW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
WSW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
W	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
WNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
NNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
VARBL	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
CALM	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE
 USAFETAC
 FORM 8-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION NAME AFS AR YEARS 77-84 MONTH 1-12
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	1.1	.1	1.1	1.1	.1	.1	.1			1.7	18.1
NNE	.1	1.1	1.1	.1	.1	1.1	1.1	1.1	.1			1.1	19.1
NE	.1	1.1	.1	.1	.1	1.1	1.1	1.1				1.1	18.1
ENE	.1	.1	.1	.1	.1	.1	1.1	.1				1.1	18.1
E	.1	.1	.1	.1	1.1	1.1	.1					1.1	18.1
ESE	.1	.1	.1	1.1	.1	1.1	.1					1.1	18.1
SE	.1	.1	1.1	1.1	1.1	.1	.1	.1				.1	18.1
SSE	.1	.1	.1	1.1	1.1	.1	.1	.1				.1	18.1
S	.1	1.1	.1	1.1	.1	1.1	.1	.1				1.1	18.1
SSW	.1	.1	.1	.1	.1	.1	.1	.1				1.1	11.1
SW	.1	.1	.1	.1	.1							1.1	5.3
WSW	.1	.1	.1	.1	.1							1.1	7.3
W	.1	.1	.1	.1	.1							1.1	7.3
WNW	.1	.1	.1	.1	.1							1.1	6.3
NW	.1	.1	1.1	.1	.1	.1						1.1	10.1
NNW	.1	.1	.1	.1	1.1	.1	.1					1.1	17.1
VARBL													
CALM												1.1	
	.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	.1			1.1	18.1

TOTAL NUMBER OF OBSERVATIONS 717

SURFACE WINDS

MONTH

ALL
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	1.	.5	1.	1.1	.6	.7	.	.7	.	9.2	12.4
NNE	.	1.	1.7	.5	2.5	2.7	1.6	1.1	.	.1	.	21.1	17.1
NE	.	1.	2.7	1.7	1.5	1.3	.7	.5	.1	.	.	11.2	15.7
ENE	.	.	1.7	1.7	.3	.5	.7	.1	.	.	.	5.7	14.4
E	.	.	1.1	1.5	.9	.8	.1	.7	.	.	.	5.7	14.4
ESE	.	.	.7	.7	.6	.3	.1	.7	.	.	.	3.7	11.7
SE	.	.	.7	.1	.6	.3	.1	.7	.	.	.	4.6	11.7
SSE	.	.7	.7	1.4	.7	.5	.1	.7	.	.7	.	1.6	12.7
S	.	1.	2.5	2.5	1.3	.7	.1	.7	.	.7	.	9.2	11.7
SSW	.	1.7	1.	1.4	.4	.1	.	.7	.	.7	.	6.4	9.7
SW	.	1.7	.	.7	.1	.1	.7	.7	.	.	.	3.4	8.3
WSW	.	.7	.	.7	.1	.1	.	.	.	.	.	1.7	7.3
W	.	.7	.	.7	.6	.7	.	.	.	.	.	1.7	6.3
WNW	.	.7	.7	.1	.	.7	.	.	.	.	.	.7	7.5
NW	.	.4	.4	.7	.1	.1	.	.7	.	.	.	1.4	10.2
NNW	.	.7	.4	.7	.2	.1	.1	.7	.	.	.	1.7	12.1
VARBL													
CALM												9.9	
TOTAL	7.	1.4	1.7	2.6	12.4	2.5	4.1	2.2	.4	.2	.	100.	12.4

TOTAL NUMBER OF OBSERVATIONS 5424

U.S. AIR FORCE
 USAFETAC
 AFM 7-10.1 (SERVICEMAN)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LAKE HUMAN OF AFD 12 STATION NAME 77-53 YEARS 1961 MONTH 11

ALL ALL CLASSED

CONDITION

HOURLY (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	1.2	1.5	1.5	2.7	2.1				7.8	12.2
NNE	.2	1.2	1.2	1.3	2.2	3.1	2.4	2.4				1.4	2.4
NE		1.1	1.2	1.2	1.7	2.2	2.1	1.2	.1			1.4	2.4
ENE		.2	.2	1.1	.2	1.3	.2	.7	.2			1.4	2.4
E		.2	1.2	1.2	1.3	1.3	.2	.2				7.1	12.2
ESE		.2	.2	1.4	1.2	.2	.2	.1				1.4	12.2
SE		.2	.2	1.2	1.3	.7	.2	.1				1.2	12.2
SSE	.2	.2	.7	1.2	2.1	1.2	.2	.1		.2		7.2	12.2
S	1.2	1.2	.2	1.1	2.2	1.2	.4	.1		.2		1.4	14.2
SSW		.2	.2	.2	.2	.2	.2	.1				2.7	12.2
SW		.2	.2	.2	.2	.2						1.7	12.2
WSW		.1	.2	.4	.2	.2						1.1	12.2
W		.2	.2	.4	.1							1.2	2.2
WNW	.1	.2	.2	.4	.1							1.2	2.2
NW		.2	.2	.2	.2	.2						1.2	2.2
NNW		.2	.2	.2	.2	.1	.2					1.2	12.2
VARBL													
CALM													
	.2	2.2	2.2	1.2	12.2	13.2	2.4	2.2	.2	.1		12.2	12.2

TOTAL NUMBER OF OBSERVATIONS 122

JOINT CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 121 STATION NAME CAPE ROMAN OF AFS 24 YEARS 77-83 MONTH DEC

CLASS ALL WEATHER

CONDITION

100-200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.2	.3	.2	1.5	2.2	.3	.3				7.4	17.4
NNE	.	1.4	1.7	2.6	3.3	3.2	2.0	4.2				17.7	22.5
NE	.	1.1	1.2	1.2	1.4	2.3	2.8	1.1				11.8	20.4
ENE	.	.	.2	1.1	.4	1.1	1.2	.7	.			7.5	19.1
E	1.1	.	.5	.2	1.5	1.7	.8					.3	15.7
ESE	.	.4	.5	.2	2.3	.4	.3	.2				.5	17.4
SE	.	.7	.3	2.3	2.4	.5						7.1	14.3
SSE	.	.2	.6	1.4	2.0	1.1		.2				8.7	14.4
S	1.2	1.2	.3	1.5	2.4	.9	.5					4.4	12.6
SSW	.	.3	.2	.5	.3	.2	.3					.7	15.4
SW	.	.	.	.4	.2							1.1	12.3
WSW	.	.	.2	.3								.7	8.2
W	.	.	.2	.2	.5							.3	11.1
WNW	.	.2	.2	.6	.2							1.2	11.1
NW	.	.2	.	.3		.2						.6	12.4
NNW	.	.	.2	.3	.2	.3						1.2	13.2
VARBL													
CALM												.4	
	4.1	4.2	7.7	15.6	15.7	13.4	5.1	6.8	.7			100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 351

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C. 20330
 AIR WEATHER SERVICE AFSSAFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE GRAY OF AFS AK YEARS 77-83 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	1.7	1.5	.9	1.1					7.1	10.0
NNE	1.1	2.7	.3	2.6	4.1	3.1	3.5	2.5				14.2	7.8
NE	.0	1.1	1.1	2.2	2.2	3.2	2.4	1.3				11.2	21.1
ENE	.0	.0	.0	.0	.8	.0	.8	.0	.0			5.4	12.3
E	.0	.0	.0	1.0	1.2	1.1	.0					3.0	15.5
ESE	.0	.0	.0	2.0	2.5	.0	.6	.0				3.0	16.0
SE	.0	.0	.0	1.5	.0	.0	.3					1.5	12.0
SSE	.0	.0	.0	.0	1.4	1.7	.3					1.5	16.3
S	1.7	1.1	.0	1.2	2.3	1.7	.5					7.0	14.0
SSW	.0	.0	.0	.0	.0	.3	.5					1.3	14.0
SW	.0	.0	.0	.0	.3	.2						1.2	4.4
WSW		.0	.0	.0								.0	4.0
W	.0	.0	.0	.0	.3							1.0	11.7
WNW	.0	.0	.0	.0	.3	.2						.0	11.0
NW	.0	.0	.0	.0	.3							1.0	10.1
NNW	.0	.0	.0									1.0	4.0
VARBL													
CALM													
	1.0	4.7	7.0	17.7	16.7	14.1	11.1	4.0	.0			100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 651

CENTRAL CLIMATOLOGY BRANCH
 AFSTTAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPT ROMAN OF AFO AM YEARS 77-83
 CLASS ALL WEATHER
 CONDITION
 NORTH 000
 HOURS (L.S.T.) 1000-1700

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.3	.6	1.2		1.1	.3				8.8	14.8
NNE	1.1	1.1	1.3	4.3	1.8	3.2	2.5	2.6	.3			18.8	20.6
NE	1.1	1.1	.3	1.1	2.6	2.3	2.6	1.7				14.4	20.3
ENE	.	.	.2	1.1	.3	1.1	.3	.6	.2			6.3	17.1
E	.	.6	.2	1.5	.9	1.5	.3	.7				6.3	15.7
ESE	.	.3	.5	1.4	1.1	1.2	.7	.7				7.5	16.4
SE	1.2	.6	1.1	.9	1.4	.2	.2	.3				5.5	13.1
SSE	.	.8	.9	1.5	2.8	1.5	.5					1.4	18.8
S	1.4	1.1	.2	1.1	1.7	1.4	.5	.3		.1		8.4	15.6
SSW	.		.5	.8	.2	.5	.2					2.3	14.7
SW		.1	.2	.6	.2							1.4	10.8
WSW	.	.2	.5	.5								1.1	7.7
W			.6	.5								1.1	11.1
WNW			.7		.2							.3	14.8
NW	.	.3	.3	.2	.2							1.2	7.7
NNW	.	.2	.2	.6	.2							1.1	10.7
VARBL													
CALM												.9	
	.5	.4	12.4	17.3	15.8	17.2	1.1	6.6	.5	.7		10.8	15.4

TOTAL NUMBER OF OBSERVATIONS 651

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11120 STATION NAME CAPE ROMAN OF AFS AM YEARS 77-87 MONTH 01
CLASS ALL WEATHER HOURS (LST) 1000-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	.7	1.5	1.5	.2	.5	.2				7.1	13.7
NNE	.	1.4	1.4	2.2	2.2	4.6	2.3	2.3	.7			14.3	13.2
NE	.	1.4	2.7	1.2	2.7	2.6	.9	1.7	.7			14.3	13.2
ENE	.	.2		1.4	.6	.5	.6	.2	.2			4.4	22.1
E	.	.2	1.1	1.7	2.2	.3	.5	.2				3.0	15.4
ESE	.2	.2	.6	.9		.6	.2	.2				2.2	13.2
SE	1.4	.5	.5	1.4	1.5	.5	.5	.2				3.3	13.2
SSE	.	.2	.4	2.3	2.2	1.5	.	.				3.2	14.3
S	.	1.7	1.1	1.7	1.7	1.2	.2	.2				7.1	13.4
SSW	.2	.	.6	1.4			.2					2.2	13.3
SW	.	.2	.4	.5	.2							2.2	2.0
WSW	.2	.2	.2	.5	.2	.2						1.2	12.1
W	.	.2	.2	.3								.7	8.2
WNW		.2		.9								1.1	11.2
NW	.	.2		.5								1.2	7.4
NNW	.2	.2	.2	.3	.2							1.2	2.9
VARBL													
CALM												11.1	
	.2	1.1	2.4	10.7	14.6	12.4	5.1	4.0	.	.2	.2	100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 651

U.S. AIR FORCE
CLIMATE CENTER
AFMPC/AFMPC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100 STATION NAME CAPE ROMAN OF AFS AK YEARS 77-93 MONTH 2-6
CLASS ALL WEATHER
CONDITION 1000-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	.7	.9	1.2	.1	.5					2.8	13.4
NNE	.1	1.4	2.0	1.2	2.3	3.5	2.1	1.4	.5			15.1	20.1
NE	.1	1.3	1.7	1.7	2.0	2.0	.8	2.5				12.7	18.7
ENE	.1	.7	.1	1.7	.3	1.4	1.1	.1	.5			6.9	22.3
E	.1	1.1	1.4	1.1	.8	1.1	.5	.2				7.1	13.9
ESE	.1	.2	.7	1.2	1.1	.4	.6					5.4	15.6
SE	.1	1.1	.6	1.4	.9	.8	.6	.5				5.5	15.3
SSE	1.1	1.1	.7	2.2	1.7	1.2	.3	.3				9.2	13.4
S	.1	1.4	.6	.7	1.1	.9	.2					5.2	14.1
SSW	.1	.5	.6	1.5	.6	.2	.3	.7				4.3	14.5
SW		.7		.8	.2							1.2	12.9
WSW	.1			.3	.6							1.4	11.5
W		.1										.1	4.3
WNW	.1	.2	.5	.5								1.2	8.9
NW	.1	.5		.5	.5							1.7	11.1
NNW	.1	.1	.5	.2	.3							1.3	8.2
VARBL													
CALM												15.4	
	1.1	11.5	17.3	17.3	17.8	12.7	9.1	6.2	1.1			100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 251

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (AWAC)

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CAPE ROMAN OF AFRICA STATION NAME 77-5 YEARS 1960-1961 MONTH NOV-DEC
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	1.7	2.2	1.1	.9	.6					8.8	13.0
NNE	1.7	2.0	1.2	2.7	2.2	2.3	1.2	1.7		.5		18.5	19.0
NE	.1	1.2	.9	2.0	.9	2.3	1.5	1.1				11.4	18.0
ENE		.1	.1	1.3	.9	1.7	1.4	.6	.1			5.0	22.0
E	.1	.7	.9	.4	1.1	1.2	.6	.3				5.4	16.0
ESE	.1	.1	.3	1.1	.3	1.1	.2	.7				4.1	14.0
SE	.1	1.2	.4	1.9	1.1	1.6	.3					7.5	13.0
SSE	.1	.1	.3	1.5	2.6	1.5	.3	.7				7.7	17.0
S	.1	1.1	.7	1.4	2.0	1.4	.6					7.7	15.0
SSW	.1	.3	.3	.6	.3	.3	.7					3.5	12.0
SW	.1			.2								1.4	10.0
WSW	.1	.1		.6	.7							1.1	11.0
W	.1	.3	.3	.2								1.4	6.0
WNW		.1	.7	.3								1.1	7.0
NW	.1	.7		.2	.2							.7	8.0
NNW	.1		.1	.6	.7	.2						1.2	12.0
VARBL													
CALM												11.7	
	.1	11.1	7.5	12.4	12.2	14.6	7.2	4.1	.6	.5		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 60

U.S. AIR FORCE CLIMATE CENTER
 WASHINGTON, D.C.
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12 CAPE GMA, OF AFS AK STATION NAME 77-F3 YEARS 1960-65
 ALL WEATHER CLASS 1960-65
 CONDITION 1960-65

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	0.5	1.2	.0	.5					3.5	15.0
NNE	.0	1.2	1.0	3.5	2.3	1.0	3.4	2.0		.0		17.2	20.0
NE	.0	.0	1.5	1.1	1.1	1.0	2.5	1.7	.0			10.0	22.0
ENE	.0	.0	.0	.4	1.0	.5	.5	.5	.0			3.5	20.0
E	.0	.0	1.1	1.0	1.4	1.4		.6				7.2	18.0
ESE	.0	.0		1.0	.0	1.4						4.0	15.0
SE	.0	1.0	.0	1.5	.0	.6	.2					5.0	11.0
SSE	.0	.0	.0	1.0	2.5	1.0	.3					5.0	17.0
S	.0	1.0	.0	.0	.0	2.0	1.0	.5				7.0	14.0
SSW	.0	.0	.0	.0	.5	.6	.0					2.0	13.0
SW	.0	.0	.0	.0	.0							2.0	9.0
WSW	.0	.0	.0	.0	.2							1.1	11.0
W	.0	.0	.0	.0	.0							1.7	7.0
WNW		.0	.0	.2								.0	5.0
NW		.0	.0	.0	.2							1.0	11.0
NNW	.0	.0	.0	.0	.0		.2					2.0	11.0
VARBL													
CALM												10.0	
	.0	4.0	12.0	10.3	14.6	12.7	8.3	4.0	.0	.0		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WIND

STATION 123 CAPE ROMAN OF ARS AK 77-45 NORTH
STATION NAME YEARS
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	ME WI SPE
N	.	.	.3	.3	1.7	1.7	.4	.2				.4	1
NNE	1.0	1.5	1.4	1.4	1.5	2.3	2.7	2.5	.2			17.2	5
NE	.	.6	.8	2.0	.9	2.3	2.4	1.5	.2			1.0	2
ENE	.	.2	.2	.2	.5	.4	.3	1.2	.2			.4	2
E	.4	.5	1.2	1.4	1.5	2.3	.2					7.4	1
ESE	1.1	.2	.5	1.4	1.8	.9	.2					1.1	1
SE	.	.2	.9	1.7	.9	.6	.3					.2	1
SSE	.	1.1	1.1	2.3	1.8	2.7	.2					.2	1
S	1.0	1.2	.2	1.2	1.7	3.2	.3					1.1	1
SSW	.	.4	.2	.3	.3	.3		.2				.4	1
SW	.	.2	.2	.2	.3							1.0	1
WSW	.		.		.3							.4	
W	.		.2	.5								1.4	
WNW	.	.2	.2	.5								1.2	
NW	.	.	.5		.5							.0	
NNW	.4	.2		.2	.2	.5						1.4	1
VARBL													
CALM												.1	
	7.7	8.3	17.5	18.9	14.6	16.5	2.7	5.7	.4			100.0	1

TOTAL NUMBER OF OBSERVATIONS

1
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77-127 STATION CAPE ROMAN OF AFS AK 77-84 YEARS
 STATION NAME CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	A V S
N	.1	.1	1.4	2.3	1.5	1.1	1.0	.4	.7			1.4	
NNE	.1	1.1	1.5	2.8	2.7	2.3	1.6	1.4	.3			14.4	
NE	.1	.2	1.4	2.3	1.7	2.1	1.3	.2	.2			11.5	
ENE	.1	.5	1.1	1.9	1.2	1.3	.6	.3				7.4	
E	.1	.1	1.1	2.2	1.6	1.0	.3	.2				6.1	
ESE	.1	.2	.7	1.1	.4	.5	.2	.2				4.2	
SE	.1	.7	1.2	1.3	.9	.5	.6	.2				6.2	
SSE	.1	.5	.2	1.6	1.7	1.0	.4	.7				5.5	
S	.7	.2	1.2	2.3	1.5	1.1	.4	.2	.1			6.4	
SSW	.1	.4	.4	.3	.1	.1	.1					1.7	
SW	.1	.1	.2	.3	.2	.2	.6					1.1	
WSW	.1	.2	.1	.2	.1	.1						.6	
W	.1	.2	.5	.2	.1	.3						1.2	
WNW	.1	.3	.5	.2	.1	.1						1.4	
NW	.1	.5	1.5	.6	.4	.3	.2					3.4	
NNW	.1	.3	.2	.8	.5	.4	.3	.1				2.3	
VARBL													
CALM												11.1	
	5.7	4.8	15.5	20.9	14.7	12.3	7.0	7.5	.6			100.0	

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION CAPE ROMAN OF AFS AM YEARS 77-84 NORTH 1100-2
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	M W SP
N	.2	.2	1.4	2.2	2.4	.4	1.5					5.1	1
NNE	.2	1.4	1.5	1.7	3.4	2.4	1.5	1.5	.3			14.4	2
NE	.2	.7	.7	2.1	2.4	2.2	1.4	1.2	.1			11.1	2
ENE	.4	1.1	1.2	2.4	1.4	1.7	.8					5.1	1
E	1.4	.7	1.5	2.4	1.3	.7	.1					5.4	1
ESE	.2	.5	.7	.8	.7	.4	.3					5.4	1
SE	.4	.6	.7	.8	.8	1.5	.3					5.7	1
SSE	.1	.5	.7	2.4	1.4	1.3	.4					5.4	1
S	.2	.4	.4	2.5	2.2	1.3	.1					5.7	1
SSW	.1	.2	.3	.3								1.3	1
SW					.1	.3						.4	1
WSW		.1	.1		.1	.1						.5	1
W	.2	.5	.2	.6								1.7	1
WNW	.2	.2	.6	.4	.1	.1						2.2	1
NW			2.2	.7	.6	.1						3.6	1
NNW		.1	.5	.4	.4	.4	.3					2.2	1
VARBL													
CALM												11.2	
	.5	.4	12.2	21.7	17.1	12.2	7.4	2.5	.4			11.1	

TOTAL NUMBER OF OBSERVATIONS 1111

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JOURNAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 107 STATION NAME CAPT ROMANOV AFS AK YEARS 77-84 MONTH July
 CLASS ALL WEATHER HOURS (L S) 1-12-5
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MI W SP
N		.1	2.1	2.5	1.1	.6	.7					.1	1
NNE			1.1	2.7	1.1	2.2	2.2	1.4	.7			12.4	2
NE	.1	.7	1.1	2.7	2.4	2.7	1.3	.3				11.2	1
ENE	.1	.3	1.4	2.1	2.2	1.1	.8					.1	1
E	.1	.1	1.8	2.2	1.5	1.1	.7					4.7	1
ESE	.1	.5	1.2	2.7	.8	.3	.3					2.2	1
SE	.1	.7	1.4	2.1	.7	.8	.4	.1				6.2	1
SSE	.1	.3	.5	1.8	2.2	.7	.6					7.2	1
S	1.1	1.2	.6	2.7	1.8	.5	.1	.1				5.5	1
SSW	.1	.7	.5	.1	.1							.1	
SW	.1	.1	.3	.4		.3	.1					1.4	1
WSW		.1		.1	.1							.4	1
W		.4	.7	.1	.7							1.5	1
WNW	.1	.3	.5	.1	.4							1.7	
NW		.7	1.1	.1	.4							2.4	
NNW		.1	.5	.5	.4	.3	.6	.1				2.7	1
VARBL													
CALM												2.5	
	1.5	2.7	15.7	22.7	16.9	10.9	7.4	2.7	.7			100.0	1

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
ATMOSPHERIC SERVICE/MAL

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1.7 NAME CAPE ROMANO OF AFS AK YEARS 77-84 MO 10

CLASS ALL WEATHER HOURS 1000

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.4	.4	1.7	1.7	.7	1.4	.1	.4	.1			8.2
NNE	.4	.4	2.4	2.7	3.4	2.5	2.8	1.7	.1			18.2
NE	.4	.4	.4	1.4	.4	1.1	1.4	.6				7.1
ENE	.4	.7	1.5	.7	1.1	1.1	.7	.7				7.3
E	.4	.7	2.7	2.7	1.4	1.1	.4					6.7
ESE	.4	.1	.7	1.3	.7	.7	.4					4.3
SE	.4	1.1	1.3	1.4	.7	.4	.7	.1				6.7
SSE	.7	.4	1.5	1.7	2.4	.7	.4					8.1
S	.4	1.4	1.7	1.7	1.1	1.5	.6					7.6
SSW	.4	.7	.7	.7		.1	.1					2.4
SW	.4	.1	.1	.1			.1					1.4
WSW		.1		.1	.1	.1						.7
W	.1	.1	.1	.3	.1							.7
WNW	.4	.3	.7			.1						1.2
NW	.4	.6	2.7	1.7	.4	.3						6.7
NNW	.4	.1	1.7	1.1	.4	.4	.4					7.1
VARBL												
CALM												11.2
	7.4	7.1	15.5	14.7	14.4	17.1	7.4	7.1	.4			100.0

TOTAL NUMBER OF OBSERVATIONS _____

JOINT CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 NAME MAN OF AFS 44 YEARS 77-84
INSTRUMENT CIG LOG TO 1400 FT 2/ VSBY 1/2 MI OR MORE
CLASS ANY/WH VSBY 1/2 TO 2-1/2 MI 2/616 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%
N	.1	.1	2.1	2.6	2.1	1.5	.5	.2	.1	.1		11.7
NNE	.1	.1	2.1	4.6	7.5	3.3	1.5	.2	.1	.1		17.3
NE	.1	.4	.1	1.1	.5	.4	.4	.7	.1	.1		3.2
ENE	.1	.2	.4	.5	.4	.3	.1	.1				1.2
E	.1	.3	.5	1.2	.9	.4	.1	.2				3.5
ESE	.1	.2	.4	1.7	.7	.4	.1	.2				3.5
SE	.1	.4	.1	1.5	.8	.4	.2	.1				4.4
SSE	.1	.1	.9	2.7	1.4	.5	.2	.1	.1	.1		5.2
S	.1	1.9	7.2	4.8	2.4	1.5	.2	.1	.1	.1		14.1
SSW	.1	1.4	3.2	2.7	.9	.3	.1	.2				2.2
SW	.1	1.4	1.1	1.7	.3	.1	.2	.2				3.5
WSW	.4	.1	.2	.5	.1	.1						1.7
W	.4	1.2	.9	.3	.1	.2						3.1
WNW	.1	.4	.4	.1	.1	.1						1.3
NW	.1	.1	.7	.3	.2	.2	.1	.1	.1			2.6
NNW	.1	.5	.1	.4	.2	.1	.1	.1				2.1
VARBL												
CALM												
	1.4	12.2	19.1	25.6	14.9	9.2	3.5	1.5	.2	.1	.1	100.0

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥ 10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

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EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

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ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.8	39.6	41.1	41.6	42.4	42.4	42.8	43.0	43.0	43.9	43.9	43.9	44.2	44.2	45.0	45.0
GE 20000	38.2	41.0	42.5	43.0	43.8	43.8	44.2	44.4	44.4	45.3	45.3	45.3	45.6	45.6	46.4	46.4
GE 18000	38.7	41.4	43.0	43.0	44.4	44.4	44.8	45.0	45.0	45.9	45.9	45.9	46.2	46.2	47.0	47.0
GE 16000	39.1	41.9	43.5	44.1	44.8	44.8	45.3	45.5	45.5	46.4	46.4	46.4	46.7	46.7	47.5	47.5
GE 14000	39.3	42.1	43.6	44.2	45.0	45.0	45.5	45.6	45.6	46.5	46.5	46.5	46.8	47.0	47.8	47.8
GE 12000	39.6	42.4	43.9	44.5	45.3	45.3	45.8	45.9	45.9	46.8	46.8	46.8	47.1	47.3	48.1	48.1
GE 10000	39.8	42.5	44.1	44.7	45.5	45.5	45.9	46.1	46.1	47.0	47.0	47.0	47.3	47.5	48.2	48.2
GE 9000	39.8	42.5	44.1	44.7	45.5	45.5	45.9	46.1	46.1	47.0	47.0	47.0	47.3	47.5	48.2	48.2
GE 8000	40.4	43.6	45.1	45.8	46.5	46.5	47.0	47.1	47.1	48.1	48.1	48.1	48.4	48.5	49.3	49.3
GE 7000	42.1	45.3	46.8	47.6	48.5	48.5	49.2	49.3	49.3	50.2	50.2	50.2	50.5	50.7	51.5	51.5
GE 6000	42.5	45.9	47.8	48.5	49.5	49.5	50.1	50.2	50.2	51.2	51.2	51.2	51.5	51.6	52.4	52.4
GE 5000	43.0	46.4	48.4	49.3	50.2	50.2	50.8	51.0	51.0	51.9	51.9	51.9	52.2	52.4	53.2	53.2
GE 4500	44.1	47.5	49.5	50.4	51.3	51.3	51.9	52.1	52.1	53.0	53.3	53.3	53.6	53.9	54.7	54.7
GE 4000	44.8	48.2	50.2	51.2	52.2	52.2	52.9	53.0	53.0	53.9	54.4	54.4	54.7	55.0	55.8	55.8
GE 3500	46.5	50.1	52.2	53.8	55.2	55.2	55.8	55.9	55.9	56.9	57.3	57.3	57.8	58.1	58.9	58.9
GE 3000	48.5	52.1	54.4	55.9	57.3	57.3	57.9	58.1	58.1	59.0	59.5	59.5	59.9	60.2	61.0	61.0
GE 2500	50.5	54.4	56.9	58.6	60.1	60.1	60.9	61.0	61.0	61.9	62.4	62.4	62.9	63.2	63.9	63.9
GE 2000	51.8	56.1	59.2	60.9	62.4	62.4	63.2	63.3	63.3	64.3	64.7	64.7	65.5	65.8	66.6	66.6
GE 1800	52.4	57.0	60.2	62.1	63.8	63.8	64.6	64.7	64.7	65.6	66.1	66.1	66.9	67.3	68.1	68.1
GE 1500	54.4	59.9	63.3	65.2	67.2	67.2	68.0	68.1	68.1	69.0	69.5	69.5	70.3	70.7	71.5	71.5
GE 1200	56.2	62.7	66.4	68.4	71.3	71.3	72.1	72.3	72.3	73.3	74.4	74.7	76.0	76.6	77.3	77.3
GE 1000	56.7	63.6	67.3	69.5	72.7	72.7	73.8	74.6	74.6	75.7	76.7	77.2	78.4	79.0	79.8	79.8
GE 900	57.0	64.4	68.1	70.4	73.7	73.7	74.9	76.1	76.1	77.2	78.3	78.7	80.0	80.6	81.4	81.4
GE 800	57.2	64.9	68.6	71.0	74.4	74.4	76.3	77.8	78.0	79.2	80.6	81.0	82.3	82.9	83.7	83.7
GE 700	57.3	65.3	69.2	71.8	75.5	75.5	77.7	79.8	80.0	81.2	83.1	83.5	84.7	85.4	86.1	86.1
GE 600	57.9	66.1	70.0	72.7	77.2	77.2	79.4	82.3	82.4	83.7	85.5	86.0	87.2	87.8	88.6	88.6
GE 500	58.2	66.6	70.6	73.5	78.9	79.4	81.5	84.4	84.6	85.8	87.7	88.1	89.4	90.0	90.8	90.8
GE 400	58.2	66.7	70.7	73.7	79.0	79.8	82.0	85.4	85.5	86.9	89.7	90.1	92.3	92.9	94.3	94.5
GE 300	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.1	90.6	92.8	93.4	94.8	95.7
GE 200	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	93.8	94.5	95.8	96.9
GE 100	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	94.3	94.9	96.3	98.5
GE 0	58.2	66.7	70.7	73.7	79.0	79.8	82.1	85.5	85.7	87.4	90.4	90.9	94.8	95.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	36.8	40.7	43.5	44.0	44.4	44.4	45.0	45.2	45.2	45.8	46.3	46.3	46.9	46.9	46.9	47.1	
GE 20000	37.3	41.2	44.1	44.6	45.0	45.0	45.7	45.8	45.8	46.4	46.9	46.9	47.5	47.5	47.5	47.7	
GE 18000	37.6	41.5	44.4	44.9	45.4	45.4	46.0	46.1	46.1	46.7	47.2	47.2	47.8	47.8	47.8	48.0	
GE 16000	38.2	42.1	45.0	45.5	46.0	46.0	46.6	46.7	46.7	47.4	47.8	47.8	48.5	48.5	48.5	48.6	
GE 14000	38.5	42.4	45.4	45.8	46.3	46.3	46.9	47.1	47.1	47.7	48.1	48.1	48.8	48.8	48.8	48.9	
GE 12000	38.7	42.6	45.5	46.0	46.4	46.4	47.1	47.2	47.2	47.8	48.3	48.3	48.9	48.9	48.9	49.1	
GE 10000	39.2	43.0	46.0	46.4	46.9	46.9	47.5	47.7	47.7	48.3	48.8	48.8	49.4	49.4	49.4	49.5	
GE 9000	39.3	43.3	46.3	46.7	47.4	47.4	48.0	48.1	48.1	48.9	49.4	49.4	50.0	50.0	50.0	50.2	
GE 8000	40.1	44.6	47.5	48.0	48.6	48.6	49.2	49.4	49.4	50.2	50.6	50.6	51.2	51.2	51.2	51.4	
GE 7000	40.9	45.8	48.8	49.5	50.2	50.2	51.1	51.2	51.2	52.0	52.5	52.5	53.1	53.1	53.1	53.3	
GE 6000	41.6	46.7	49.7	50.5	51.1	51.1	52.0	52.2	52.2	52.9	53.4	53.4	54.0	54.0	54.0	54.2	
GE 5000	43.3	48.5	51.4	52.2	52.8	52.8	53.7	53.9	53.9	54.6	55.4	55.4	56.0	56.0	56.0	56.2	
GE 4500	44.3	49.4	52.3	53.1	53.7	53.7	54.6	54.8	54.8	55.6	56.3	56.3	57.0	57.0	57.0	57.1	
GE 4000	45.7	51.1	54.0	54.8	55.4	55.4	56.3	56.5	56.5	57.3	58.0	58.0	58.7	58.7	58.7	58.8	
GE 3500	47.2	52.6	55.6	56.3	57.0	57.0	57.9	58.0	58.0	58.8	59.6	59.6	60.2	60.2	60.2	60.4	
GE 3000	48.5	54.5	57.9	59.1	60.1	60.1	61.0	61.1	61.1	61.9	62.7	62.7	63.3	63.3	63.3	63.5	
GE 2500	49.5	56.3	59.9	61.3	62.2	62.2	63.2	63.3	63.3	64.1	64.9	64.9	65.5	65.5	65.5	65.6	
GE 2000	50.9	58.4	63.0	64.6	65.8	65.8	67.0	67.2	67.2	68.0	68.7	68.7	69.3	69.3	69.3	69.7	
GE 1800	52.3	59.9	64.9	66.6	68.1	68.1	69.3	69.5	69.5	70.3	71.1	71.1	71.7	71.7	71.7	72.0	
GE 1500	53.4	61.1	66.4	68.6	70.3	70.3	71.8	72.0	72.0	72.8	73.5	73.5	74.1	74.1	74.1	74.5	
GE 1200	54.8	63.6	69.2	71.8	74.8	74.8	76.3	76.5	76.5	77.4	78.5	78.5	79.1	79.1	79.1	79.4	
GE 1000	55.3	64.1	70.0	72.6	76.3	76.3	77.9	78.3	78.3	79.3	80.3	80.3	81.0	81.0	81.0	81.3	
GE 900	55.3	64.6	70.4	73.1	76.9	77.1	78.6	79.4	79.4	80.3	81.4	81.4	82.0	82.0	82.0	82.4	
GE 800	55.3	64.9	71.4	74.0	78.6	78.8	80.7	81.4	81.4	82.4	83.6	83.6	84.4	84.4	84.4	84.7	
GE 700	55.4	65.3	72.0	74.6	79.6	79.7	81.6	82.4	82.4	83.3	84.5	84.5	85.3	85.3	85.3	85.6	
GE 600	56.2	66.6	73.4	76.2	81.3	81.4	83.4	84.7	84.7	85.6	87.2	87.2	88.4	88.5	88.5	88.9	
GE 500	56.7	67.2	74.1	76.9	82.5	82.7	85.0	86.2	86.2	87.3	88.9	88.9	90.1	90.2	90.2	90.6	
GE 400	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.2	87.2	88.2	90.2	90.7	92.4	92.6	93.3	94.1	
GE 300	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.2	87.2	88.7	91.5	92.0	94.0	94.1	95.0	96.0	
GE 200	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.3	94.3	94.4	95.5	96.7	
GE 100	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.3	94.4	94.6	96.0	98.3	
GE 0	56.7	67.2	74.1	76.9	82.5	82.7	85.1	87.3	87.3	88.9	91.8	92.6	94.9	95.0	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.6	38.6	39.5	40.5	40.9	41.2	41.7	41.8	41.8	42.2	42.6	42.6	43.1	43.1	43.1	43.1
GE 20000	35.1	39.1	40.0	40.9	41.4	41.7	42.2	42.3	42.3	42.6	43.1	43.1	43.5	43.5	43.5	43.5
GE 18000	35.5	39.5	40.6	41.5	42.0	42.3	42.8	42.9	42.9	43.2	43.7	43.7	44.2	44.2	44.2	44.2
GE 16000	36.0	40.0	41.1	42.0	42.6	42.9	43.4	43.5	43.5	43.8	44.3	44.3	44.8	44.8	44.8	44.8
GE 14000	36.0	40.0	41.1	42.0	42.6	42.9	43.4	43.5	43.5	43.8	44.3	44.3	44.9	44.9	44.9	44.9
GE 12000	36.2	40.2	41.2	42.2	42.8	43.1	43.5	43.7	43.7	44.0	44.5	44.5	45.1	45.1	45.1	45.1
GE 10000	37.1	41.1	42.2	43.1	43.7	44.0	44.5	44.6	44.6	44.9	45.4	45.4	46.0	46.0	46.0	46.0
GE 9000	37.5	41.7	42.8	43.7	44.3	44.6	45.1	45.2	45.2	45.5	46.0	46.0	46.6	46.6	46.6	46.6
GE 8000	38.0	42.9	44.2	45.2	45.8	46.2	46.6	46.8	46.8	47.1	47.5	47.5	48.2	48.2	48.2	48.2
GE 7000	39.7	44.6	46.0	47.2	48.0	48.3	48.8	48.9	48.9	49.2	49.7	49.7	50.3	50.3	50.3	50.3
GE 6000	40.6	45.8	47.2	48.5	49.2	49.5	50.0	50.2	50.2	50.5	50.9	50.9	51.5	51.5	51.5	51.5
GE 5000	41.8	47.1	48.6	49.8	50.6	50.9	51.4	51.5	51.5	51.8	52.3	52.3	52.9	52.9	52.9	52.9
GE 4500	43.8	49.2	50.8	52.0	52.8	53.1	53.5	53.7	53.7	54.0	54.5	54.5	55.1	55.1	55.1	55.1
GE 4000	46.2	51.8	53.4	54.6	55.4	55.7	56.2	56.3	56.3	56.6	57.1	57.1	57.7	57.7	57.7	57.7
GE 3500	49.1	54.9	56.5	57.8	58.8	59.1	59.5	59.7	59.7	60.0	60.5	60.5	61.1	61.1	61.1	61.1
GE 3000	50.3	56.5	58.2	59.5	60.8	61.1	61.5	61.7	61.7	62.0	62.5	62.5	63.1	63.1	63.1	63.1
GE 2500	51.7	58.3	60.0	61.4	62.8	63.1	63.7	63.8	63.8	64.3	64.8	64.8	65.4	65.4	65.4	65.4
GE 2000	53.8	60.9	62.6	64.2	66.2	66.5	67.2	67.4	67.4	67.8	68.3	68.3	68.9	68.9	69.2	69.4
GE 1800	54.3	62.0	63.8	65.4	67.7	68.0	68.8	68.9	68.9	69.4	69.8	69.8	70.5	70.5	70.8	70.9
GE 1500	55.4	63.2	65.8	67.4	70.5	70.8	72.0	72.2	72.2	72.6	73.1	73.1	73.7	73.7	74.0	74.2
GE 1200	56.6	65.1	68.8	71.1	75.5	75.8	77.4	77.7	77.7	78.8	79.8	79.8	80.5	80.5	80.8	80.9
GE 1000	56.6	65.4	69.2	71.5	76.5	76.8	78.3	78.6	78.6	80.2	81.2	81.2	81.8	81.8	82.2	82.3
GE 900	56.8	66.0	69.8	72.2	77.1	77.4	79.4	79.7	79.7	81.2	82.3	82.3	82.9	82.9	83.2	83.4
GE 800	57.2	66.5	70.6	72.9	78.0	78.6	80.6	80.9	80.9	82.5	83.5	83.5	84.3	84.3	84.6	84.8
GE 700	57.2	66.9	71.4	73.8	79.2	79.8	82.5	82.8	82.8	84.5	85.7	85.7	86.5	86.5	86.8	86.9
GE 600	58.5	68.3	73.1	75.5	81.2	81.8	84.5	84.9	84.9	86.6	87.8	87.8	88.9	88.9	89.2	89.4
GE 500	58.8	68.6	73.7	76.3	82.2	82.8	85.4	86.0	86.0	88.0	89.8	89.8	90.9	90.9	91.2	91.4
GE 400	58.8	68.6	73.7	76.3	82.2	82.8	85.5	86.8	86.8	88.9	92.0	92.0	93.4	93.4	93.8	94.3
GE 300	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.4	92.5	92.5	94.5	94.5	95.5	96.3
GE 200	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.0	97.1
GE 100	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.3	98.6
GE 0	58.8	68.6	73.7	76.3	82.5	83.1	85.8	87.1	87.1	89.5	92.8	92.8	94.9	94.9	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70212D STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	34.9	36.3	36.7	36.9	37.3	38.4	38.6	38.6	39.0	39.5	39.5	39.8	39.8	39.9	39.9
GE 20000	31.2	35.0	36.4	36.9	37.0	37.5	38.6	38.7	38.7	39.2	39.6	39.6	39.9	39.9	40.1	40.1
GE 18000	32.0	35.9	37.5	37.9	38.1	38.6	39.6	39.8	39.8	40.4	40.9	40.9	41.2	41.2	41.3	41.3
GE 16000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 14000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 12000	32.6	36.7	38.2	38.7	38.9	39.3	40.4	40.6	40.6	41.2	41.6	41.6	41.9	41.9	42.1	42.1
GE 10000	32.9	37.0	38.6	39.0	39.2	39.6	40.7	40.9	40.9	41.5	41.9	41.9	42.2	42.2	42.4	42.4
GE 9000	33.0	37.2	38.7	39.2	39.3	39.8	40.9	41.0	41.0	41.6	42.1	42.1	42.4	42.4	42.5	42.5
GE 8000	33.6	38.4	39.9	40.4	40.6	41.0	42.1	42.2	42.2	42.9	43.3	43.3	43.6	43.6	43.8	43.8
GE 7000	35.0	39.9	41.5	41.9	42.1	42.5	43.6	43.8	43.8	44.4	45.0	45.0	45.3	45.3	45.5	45.5
GE 6000	35.8	40.7	42.2	42.7	42.9	43.3	44.4	44.5	44.5	45.3	45.9	45.9	46.2	46.2	46.4	46.4
GE 5000	36.3	41.3	43.2	43.6	43.8	44.2	45.3	45.5	45.5	46.2	46.9	46.9	47.2	47.2	47.3	47.3
GE 4500	38.2	43.3	45.2	45.6	45.8	46.2	47.3	47.5	47.5	48.2	48.8	48.8	49.2	49.2	49.3	49.3
GE 4000	39.9	45.5	47.3	47.8	47.9	48.4	49.6	49.8	49.8	50.5	51.2	51.2	51.5	51.5	51.6	51.6
GE 3500	43.3	49.2	51.2	51.6	52.8	53.3	54.5	54.7	54.7	55.5	56.1	56.1	56.4	56.4	56.7	56.7
GE 3000	44.5	50.4	52.4	52.8	54.2	54.7	55.9	56.1	56.1	57.1	57.8	57.8	58.1	58.1	58.4	58.4
GE 2500	45.5	51.8	54.2	54.7	56.4	56.8	58.1	58.2	58.2	59.3	59.9	59.9	60.2	60.2	60.5	60.5
GE 2000	46.9	54.5	57.3	58.5	60.4	60.8	62.1	62.2	62.2	63.3	64.2	64.2	64.5	64.5	65.0	65.0
GE 1800	47.3	55.3	58.4	59.6	61.4	61.9	63.1	63.3	63.3	64.4	65.4	65.4	65.7	65.7	66.2	66.2
GE 1500	48.2	56.8	60.4	61.6	64.1	64.5	65.7	65.9	65.9	67.0	68.0	68.0	68.4	68.5	69.0	69.1
GE 1200	50.7	60.5	64.7	66.4	69.4	69.9	71.1	71.3	71.4	73.0	74.3	74.3	74.8	75.0	75.4	75.7
GE 1000	51.3	61.8	66.1	67.9	71.4	71.9	73.1	73.3	73.4	75.1	76.5	76.5	77.0	77.1	77.6	77.9
GE 900	51.6	62.4	66.7	68.7	72.4	73.0	74.5	74.7	74.8	76.5	77.9	77.9	78.3	78.5	79.0	79.3
GE 800	52.5	63.6	68.2	70.4	74.3	75.1	76.7	77.1	77.3	79.1	80.5	80.5	81.0	81.1	81.6	81.9
GE 700	52.7	64.1	69.0	71.3	75.3	76.0	77.7	78.2	78.3	80.3	81.9	81.9	82.3	82.5	82.9	83.3
GE 600	53.5	65.3	70.2	72.5	76.5	77.4	79.1	79.9	80.2	82.3	84.3	84.5	84.9	85.1	85.6	85.9
GE 500	53.6	65.6	70.7	73.0	77.7	78.6	80.3	81.1	81.4	83.9	86.9	87.1	87.6	87.7	88.2	88.5
GE 400	53.6	66.2	71.3	73.6	79.0	79.9	81.6	82.3	82.6	85.6	89.1	89.2	89.9	90.0	90.5	90.8
GE 300	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.5	90.5	90.6	92.0	92.2	93.2	93.5
GE 200	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.5	91.1	91.2	92.9	93.1	94.8	95.9
GE 100	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.6	91.4	91.7	93.7	93.9	95.9	98.2
GE 0	53.6	66.2	71.3	73.7	79.1	80.0	81.7	82.8	83.1	86.6	91.4	91.7	93.9	94.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.7	26.4	26.9	27.2	28.4	28.6	29.3	29.6	29.6	30.6	30.9	31.0	31.8	31.8	32.6	32.7	
GE 20000	26.1	27.8	28.3	28.6	29.8	30.0	30.7	31.0	31.0	32.0	32.3	32.4	33.2	33.2	33.9	34.1	
GE 18000	27.2	28.9	29.5	29.8	31.2	31.3	32.1	32.6	32.6	33.5	33.8	33.9	35.2	35.2	35.9	36.1	
GE 16000	27.6	29.5	30.1	30.4	31.8	32.0	32.7	33.2	33.2	34.1	34.4	34.6	35.8	35.8	36.6	36.7	
GE 14000	27.6	29.5	30.1	30.4	31.8	32.0	32.7	33.2	33.2	34.1	34.4	34.6	35.8	35.8	36.6	36.7	
GE 12000	28.9	30.7	31.3	31.6	33.0	33.2	33.9	34.4	34.4	35.3	35.6	35.8	37.0	37.0	37.8	37.9	
GE 10000	29.2	31.0	31.6	32.0	33.3	33.5	34.3	34.7	34.7	35.6	35.9	36.1	37.3	37.3	38.1	38.2	
GE 9000	29.3	31.3	32.1	32.4	33.8	33.9	34.7	35.2	35.2	36.1	36.4	36.6	37.9	37.9	38.7	38.9	
GE 8000	30.6	32.6	33.3	33.6	35.2	35.3	36.1	36.6	36.6	37.5	37.8	37.9	39.3	39.3	40.1	40.2	
GE 7000	32.3	34.7	35.8	36.1	37.6	37.8	38.6	39.0	39.0	39.9	40.2	40.4	41.8	41.8	42.5	42.7	
GE 6000	33.2	35.6	36.7	37.0	38.6	38.7	39.5	39.9	39.9	40.9	41.2	41.3	42.7	42.7	43.5	43.6	
GE 5000	34.4	36.9	37.9	38.2	39.8	39.9	40.7	41.2	41.2	42.1	42.4	42.5	43.9	43.9	44.7	44.9	
GE 4500	35.6	38.2	39.3	39.6	41.2	41.3	42.1	42.5	42.5	43.5	43.8	43.9	45.5	45.5	46.5	46.7	
GE 4000	37.9	40.9	41.9	42.2	43.9	44.4	45.3	45.8	45.8	47.0	47.3	47.5	49.0	49.0	50.1	50.2	
GE 3500	41.8	45.3	46.5	46.9	49.0	49.5	50.4	50.8	50.8	52.1	52.4	52.5	54.2	54.2	55.6	56.1	
GE 3000	43.3	47.2	48.5	48.8	51.0	51.5	52.4	52.8	52.8	54.2	54.5	54.7	56.4	56.4	57.8	58.2	
GE 2500	46.2	50.5	52.2	52.5	54.7	55.1	56.1	56.5	56.5	57.9	58.2	58.4	60.1	60.1	61.4	61.9	
GE 2000	48.2	53.5	55.6	55.9	58.7	59.1	60.1	60.5	60.5	61.9	62.2	62.4	64.1	64.1	65.4	65.9	
GE 1800	48.7	53.9	56.2	56.5	59.4	59.9	60.8	61.3	61.3	62.7	63.0	63.1	64.8	64.8	66.2	66.7	
GE 1500	50.4	56.4	59.1	59.6	62.7	63.1	64.2	64.8	64.8	66.2	66.7	66.8	68.5	68.5	69.9	70.4	
GE 1200	51.6	57.8	60.8	61.3	64.8	65.3	66.4	67.6	67.7	69.4	69.9	70.0	71.7	71.7	73.1	73.6	
GE 1000	52.5	59.3	62.4	62.8	66.5	67.0	68.4	69.6	69.9	71.9	72.5	72.7	74.3	74.3	75.7	76.2	
GE 900	53.3	60.5	63.6	64.2	67.9	68.5	69.9	71.3	71.6	73.9	74.8	75.0	76.7	76.7	78.0	78.6	
GE 800	53.3	60.8	63.9	64.5	68.2	68.8	70.2	71.7	72.0	74.5	75.6	75.7	77.4	77.4	78.8	79.4	
GE 700	53.3	61.0	64.1	64.7	68.4	69.0	70.4	72.0	72.4	74.8	75.9	76.0	77.9	77.9	79.3	80.0	
GE 600	53.8	62.2	65.4	66.2	70.5	71.1	72.5	74.3	74.7	77.9	79.1	79.3	81.1	81.1	82.5	83.7	
GE 500	53.9	63.0	66.4	67.1	71.9	72.5	73.9	76.2	76.5	80.3	81.7	81.9	83.7	83.7	85.1	86.3	
GE 400	53.9	63.1	66.8	67.6	72.5	73.1	74.8	77.6	77.9	81.9	84.6	84.8	86.6	86.6	88.0	89.2	
GE 300	53.9	63.1	66.8	67.6	72.5	73.1	74.8	77.6	77.9	82.2	86.5	86.6	89.2	89.2	91.1	92.3	
GE 200	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.8	87.9	88.0	91.1	91.1	92.9	94.8	
GE 100	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.9	88.3	88.5	91.6	91.6	94.0	96.9	
GE 0	53.9	63.1	66.8	67.7	72.7	73.3	75.3	78.0	78.3	82.9	88.5	88.6	91.9	92.2	95.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.4	27.5	28.1	28.3	29.5	29.5	30.4	30.7	30.7	31.6	31.6	31.6	32.1	32.1	32.4	32.4
GE 20000	28.1	29.2	29.8	30.0	31.2	31.2	32.1	32.4	32.4	33.3	33.3	33.3	33.8	33.8	34.1	34.1
GE 18000	30.3	31.3	32.0	32.1	33.3	33.3	34.3	34.6	34.6	35.5	35.5	35.5	36.1	36.1	36.4	36.6
GE 16000	31.0	32.1	32.7	32.9	34.1	34.1	35.0	35.3	35.3	36.3	36.3	36.3	36.9	37.0	37.3	37.6
GE 14000	32.3	33.5	34.1	34.3	35.5	35.5	36.4	36.7	36.7	37.6	37.6	37.6	38.2	38.4	38.7	39.0
GE 12000	33.6	35.2	35.8	35.9	37.3	37.3	38.2	38.6	38.6	39.6	39.6	39.6	40.2	40.4	40.7	41.0
GE 10000	34.1	35.6	36.3	36.4	37.8	37.8	38.7	39.0	39.0	40.1	40.1	40.1	40.7	40.9	41.2	41.5
GE 9000	34.6	36.1	36.7	36.9	38.4	38.4	39.3	39.6	39.6	40.7	41.0	41.0	41.6	41.8	42.1	42.4
GE 8000	35.6	37.3	37.9	38.4	39.9	39.9	40.9	41.2	41.2	42.2	42.7	42.7	43.5	43.6	43.9	44.2
GE 7000	37.5	39.3	39.9	40.4	42.1	42.1	43.0	43.3	43.3	44.4	44.9	44.9	45.6	45.8	46.1	46.4
GE 6000	37.8	39.8	40.4	41.2	42.9	42.9	43.9	44.2	44.2	45.3	45.8	45.8	46.5	46.7	47.0	47.3
GE 5000	39.6	41.6	42.2	43.0	44.7	44.7	45.8	46.1	46.1	47.2	47.6	47.6	48.4	48.5	48.8	49.2
GE 4500	40.4	42.7	43.5	44.2	45.9	45.9	47.0	47.3	47.3	48.4	48.8	48.8	49.6	49.8	50.1	50.4
GE 4000	43.0	45.3	46.1	46.9	48.7	48.7	49.9	50.2	50.2	51.3	51.8	51.8	52.7	52.8	53.1	53.5
GE 3500	45.3	48.4	49.6	50.5	52.7	52.7	53.9	54.2	54.2	55.3	55.9	55.9	57.1	57.3	57.9	58.5
GE 3000	45.9	49.2	50.4	51.5	53.6	53.6	55.3	55.6	55.6	56.7	57.3	57.3	58.5	58.7	59.3	60.1
GE 2500	47.9	51.6	52.8	54.1	56.4	56.4	58.1	58.4	58.4	59.4	60.1	60.1	61.4	61.6	62.2	63.0
GE 2000	51.0	55.5	57.3	58.8	61.1	61.1	62.8	63.3	63.3	64.4	65.0	65.0	66.4	66.5	67.1	67.9
GE 1800	51.2	55.8	57.6	59.1	61.4	61.4	63.1	63.6	63.6	64.7	65.3	65.3	66.7	66.8	67.4	68.2
GE 1500	51.8	56.8	58.8	60.7	63.3	63.3	65.0	65.4	65.4	66.8	67.4	67.4	68.8	69.0	69.6	70.4
GE 1200	53.1	59.0	61.1	63.1	65.9	65.9	67.6	68.0	68.2	69.9	70.5	70.5	71.9	72.0	72.7	73.4
GE 1000	54.4	60.4	62.5	64.8	67.9	67.9	69.6	70.0	70.2	72.0	72.7	72.7	74.0	74.2	74.8	75.6
GE 900	55.0	61.0	63.3	65.6	68.8	68.8	70.7	71.4	71.6	73.7	74.7	74.7	76.0	76.2	76.8	77.6
GE 800	55.1	61.3	63.6	65.9	69.1	69.1	71.0	72.0	72.2	74.3	75.4	75.4	76.8	77.0	77.6	78.3
GE 700	55.1	61.3	63.6	65.9	69.4	69.4	71.3	72.7	72.8	75.4	76.5	76.5	78.0	78.2	78.8	79.7
GE 600	55.3	61.9	64.8	67.1	71.4	71.4	74.0	76.2	76.3	79.4	81.4	81.6	83.4	83.7	84.5	85.4
GE 500	55.8	62.4	65.3	67.9	72.5	72.7	75.3	78.0	78.2	81.4	83.7	84.0	85.9	86.2	86.9	87.9
GE 400	55.9	62.7	65.7	68.4	73.0	73.1	75.9	78.6	79.1	82.6	86.0	86.3	88.6	88.9	89.7	90.6
GE 300	55.9	62.7	65.7	68.4	73.0	73.1	75.9	78.6	79.3	83.6	87.3	87.6	90.2	90.6	92.0	93.1
GE 200	55.9	62.8	65.9	68.5	73.1	73.3	76.0	78.8	79.4	83.7	87.9	88.3	91.7	92.2	93.5	95.1
GE 100	55.9	62.8	65.9	68.5	73.1	73.3	76.2	79.0	79.6	84.0	88.6	89.1	92.8	93.2	94.9	97.1
GE 0	55.9	62.8	65.9	68.5	73.1	73.3	76.2	79.0	79.6	84.0	88.6	89.1	92.8	93.2	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): 1800-2000

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	29.3	30.1	30.1	30.4	30.4	31.5	31.6	31.6	31.6	32.0	32.0	32.4	32.6	33.3	33.3
GE 20000	29.2	31.0	31.8	31.8	32.1	32.1	33.2	33.3	33.3	33.3	33.6	33.6	34.1	34.3	35.0	35.0
GE 18000	30.6	32.4	33.2	33.2	33.5	33.5	34.6	34.7	34.7	34.7	35.0	35.0	35.5	35.6	36.4	36.4
GE 16000	31.3	33.2	33.9	33.9	34.3	34.3	35.3	35.5	35.5	35.5	35.8	35.8	36.3	36.4	37.2	37.2
GE 14000	32.0	33.8	34.6	34.6	35.0	35.0	36.1	36.3	36.3	36.3	36.6	36.6	37.0	37.2	37.9	37.9
GE 12000	33.0	35.2	35.9	35.9	36.4	36.4	37.5	37.6	37.6	37.6	38.1	38.1	38.6	38.7	39.5	39.5
GE 10000	33.5	35.9	36.7	36.9	37.3	37.3	38.4	38.6	38.6	38.7	39.0	39.0	39.5	39.6	40.4	40.4
GE 9000	34.1	36.6	37.5	37.6	38.1	38.1	39.2	39.3	39.3	39.5	39.8	39.8	40.2	40.4	41.2	41.2
GE 8000	35.2	38.9	39.8	39.9	40.4	40.4	41.5	41.6	41.6	41.8	42.1	42.1	42.5	42.7	43.5	43.5
GE 7000	37.8	41.6	42.5	42.7	43.2	43.2	44.2	44.4	44.4	44.5	44.9	44.9	45.3	45.5	46.4	46.7
GE 6000	39.0	42.9	43.9	44.2	44.9	44.9	45.9	46.1	46.1	46.2	46.5	46.5	47.0	47.2	48.1	48.4
GE 5000	40.2	44.4	45.5	45.8	46.4	46.4	47.5	47.6	47.6	47.8	48.1	48.1	48.5	48.7	49.6	49.9
GE 4500	40.6	44.9	45.9	46.2	46.9	46.9	47.9	48.1	48.1	48.2	48.5	48.5	49.0	49.2	50.1	50.4
GE 4000	42.7	47.6	48.7	49.2	49.9	49.9	51.2	51.3	51.3	51.5	52.1	52.1	52.5	52.7	53.6	53.9
GE 3500	44.5	50.4	51.8	52.2	53.5	53.5	54.7	54.8	54.8	55.0	55.9	55.9	57.0	57.1	58.1	58.4
GE 3000	46.4	52.7	54.2	54.8	56.2	56.2	57.8	57.9	57.9	58.1	59.0	59.0	60.1	60.2	61.1	61.4
GE 2500	47.8	54.7	56.4	57.0	58.4	58.5	60.4	60.5	60.5	60.7	61.9	61.9	63.0	63.1	64.1	64.4
GE 2000	48.4	56.1	57.8	58.7	60.5	60.7	62.5	62.7	62.7	62.8	64.2	64.2	65.3	65.4	66.4	66.7
GE 1800	48.5	56.4	58.1	59.0	60.8	61.0	62.8	63.1	63.1	63.3	64.7	64.7	65.7	65.9	66.8	67.1
GE 1500	49.0	57.5	59.1	60.1	62.4	62.5	64.7	65.1	65.1	65.3	66.7	66.7	67.7	67.9	68.8	69.1
GE 1200	49.9	58.7	60.5	61.6	64.8	65.1	67.6	68.0	68.2	68.4	70.0	70.0	71.1	71.3	72.2	72.5
GE 1000	51.0	60.1	62.4	63.4	67.3	67.6	70.0	70.7	70.8	71.0	72.8	72.8	74.2	74.3	75.3	75.6
GE 900	51.8	61.0	63.4	64.5	68.5	68.8	71.3	72.5	72.7	73.3	75.1	75.1	76.5	76.7	77.6	77.9
GE 800	51.9	61.1	63.9	65.0	69.0	69.4	71.9	73.3	73.4	74.2	76.7	76.7	78.0	78.2	79.1	79.7
GE 700	51.9	61.1	63.9	65.0	69.1	69.6	72.0	74.2	74.3	75.1	77.9	77.9	79.4	79.6	80.5	81.3
GE 600	51.9	61.6	64.5	65.7	70.5	71.1	73.6	76.0	76.2	77.9	80.8	80.8	82.3	82.6	84.0	84.8
GE 500	51.9	61.8	65.3	66.8	71.6	72.2	74.8	78.0	78.2	80.3	83.9	83.9	85.7	86.0	87.6	88.3
GE 400	51.9	61.8	65.3	66.8	71.7	72.8	75.4	78.8	79.0	81.7	86.0	86.2	88.5	88.8	90.3	91.2
GE 300	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.5	87.1	87.3	90.3	90.6	92.5	93.4
GE 200	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.5	87.1	87.3	91.4	91.7	94.3	95.7
GE 100	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.8	87.7	87.9	92.3	92.6	95.5	97.4
GE 0	51.9	61.8	65.3	66.8	71.7	72.8	75.7	79.1	79.3	82.8	88.0	88.3	92.9	93.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	33.6	34.9	34.9	35.8	35.8	36.4	36.4	36.4	36.6	37.3	37.3	37.9	37.9	38.4	38.7
GE 20000	34.1	35.5	36.7	36.7	37.6	37.6	38.2	38.2	38.2	38.4	39.2	39.2	39.8	39.8	40.2	40.6
GE 18000	35.6	37.3	38.7	38.7	39.6	39.6	40.2	40.2	40.2	40.4	41.2	41.3	41.9	41.9	42.4	42.7
GE 16000	36.4	38.2	39.6	39.6	40.6	40.6	41.2	41.2	41.2	41.3	42.1	42.2	42.9	42.9	43.3	43.6
GE 14000	36.9	38.7	40.1	40.2	41.2	41.2	41.8	41.8	41.8	41.9	42.7	42.9	43.6	43.6	44.1	44.4
GE 12000	37.3	39.2	40.6	40.7	41.6	41.6	42.2	42.2	42.2	42.4	43.2	43.3	44.1	44.1	44.5	44.9
GE 10000	37.3	39.5	40.9	41.0	41.9	41.9	42.5	42.5	42.5	42.7	43.5	43.6	44.4	44.4	44.9	45.2
GE 9000	37.5	39.8	41.2	41.3	42.2	42.2	42.9	42.9	42.9	43.0	43.8	43.9	44.7	44.7	45.2	45.5
GE 8000	37.9	40.7	42.1	42.4	43.3	43.3	43.9	43.9	43.9	44.1	44.9	45.0	45.8	45.8	46.2	46.5
GE 7000	40.2	43.2	44.5	44.9	45.9	45.9	46.5	46.5	46.5	46.7	47.5	47.6	48.4	48.4	48.8	49.2
GE 6000	40.7	43.9	45.3	45.8	46.9	46.9	47.5	47.5	47.5	47.6	48.4	48.5	49.3	49.3	49.8	50.1
GE 5000	41.6	45.0	46.4	46.9	47.9	47.9	48.5	48.5	48.5	48.7	49.6	49.8	50.5	50.5	51.0	51.3
GE 4500	43.3	46.9	48.4	48.8	49.9	49.9	50.5	50.5	50.5	50.7	51.6	51.8	52.7	52.7	53.1	53.5
GE 4000	45.5	49.3	51.0	51.5	52.5	52.5	53.1	53.1	53.1	53.3	54.4	54.7	55.8	55.8	56.2	56.5
GE 3500	46.5	50.8	52.6	53.9	55.3	55.3	55.9	55.9	55.9	56.1	57.1	57.5	59.1	59.1	59.9	60.2
GE 3000	48.7	53.3	55.6	56.7	58.1	58.1	58.7	58.7	58.7	59.0	60.1	60.4	62.1	62.1	62.8	63.1
GE 2500	49.9	55.5	57.8	58.8	60.4	60.4	61.0	61.0	61.1	61.4	62.5	62.8	64.5	64.5	65.3	65.6
GE 2000	51.8	58.1	60.5	61.8	63.7	63.7	64.4	64.4	64.5	64.8	66.1	66.4	68.0	68.0	68.8	69.1
GE 1800	52.8	59.1	61.6	62.8	64.8	64.8	65.9	65.9	66.1	66.4	67.6	67.9	69.6	69.6	70.4	70.7
GE 1500	53.8	60.7	63.4	64.8	67.3	67.3	68.4	68.5	68.7	69.0	70.2	70.5	72.2	72.5	73.3	73.6
GE 1200	54.7	62.2	65.0	66.4	69.4	69.6	70.8	71.0	71.1	71.7	73.0	73.7	75.4	75.7	76.5	77.0
GE 1000	55.0	62.5	65.9	67.6	70.8	71.0	72.2	72.8	73.0	73.6	74.8	75.6	77.4	78.0	78.8	79.3
GE 900	55.9	63.6	67.0	68.8	72.2	72.4	73.7	75.1	75.3	76.2	77.4	78.2	80.0	80.6	81.4	81.9
GE 800	55.9	63.7	67.4	69.3	72.8	73.1	74.7	76.0	76.2	77.4	79.1	79.9	81.7	82.5	83.3	83.7
GE 700	55.9	64.1	68.2	70.0	73.9	74.5	76.0	78.0	78.2	79.4	81.3	82.0	83.9	84.6	85.4	85.9
GE 600	56.4	64.8	69.0	71.1	75.1	75.9	77.4	79.4	79.6	81.0	82.9	83.7	85.7	86.5	87.3	88.0
GE 500	56.5	65.6	69.9	72.4	76.5	77.3	79.3	81.4	81.6	83.3	85.7	86.5	88.5	89.2	90.0	90.9
GE 400	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.4	88.2	89.1	91.7	92.5	93.9	94.9
GE 300	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.6	88.6	89.6	92.2	92.9	94.3	95.5
GE 200	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.6	88.8	89.7	92.6	93.4	94.8	96.3
GE 100	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.9	89.1	90.0	93.4	94.2	95.7	97.7
GE 0	56.7	66.1	70.4	72.8	77.0	78.3	80.5	83.1	83.3	85.9	89.1	90.3	93.9	94.8	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.3	33.8	35.0	35.4	36.1	36.2	36.9	37.1	37.1	37.7	39.0	38.0	38.5	38.5	38.9	39.0
GE 20000	32.4	35.0	36.2	36.5	37.2	37.3	38.1	38.3	38.3	38.8	39.2	39.2	39.7	39.7	40.1	40.2
GE 18000	33.4	36.0	37.3	37.7	38.4	38.5	39.3	39.5	39.5	40.0	40.4	40.4	41.0	41.0	41.4	41.5
GE 16000	34.0	36.7	38.0	38.4	39.1	39.2	40.0	40.2	40.2	40.7	41.1	41.1	41.7	41.7	42.1	42.3
GE 14000	34.4	37.1	38.4	38.8	39.5	39.6	40.4	40.6	40.6	41.1	41.5	41.5	42.1	42.2	42.6	42.7
GE 12000	35.0	37.8	39.1	39.4	40.2	40.3	41.1	41.3	41.3	41.9	42.2	42.3	42.9	42.9	43.3	43.4
GE 10000	35.4	38.2	39.5	39.9	40.7	40.8	41.6	41.8	41.8	42.3	42.7	42.7	43.3	43.4	43.8	43.9
GE 9000	35.6	38.6	39.9	40.3	41.1	41.2	42.0	42.2	42.2	42.8	43.2	43.2	43.8	43.9	44.3	44.4
GE 8000	36.4	39.9	41.2	41.7	42.5	42.7	43.4	43.6	43.6	44.2	44.6	44.7	45.3	45.4	45.8	45.9
GE 7000	38.2	41.8	43.2	43.8	44.7	44.8	45.6	45.8	45.8	46.4	46.8	46.9	47.5	47.6	48.0	48.2
GE 6000	38.9	42.7	44.2	44.6	45.7	45.8	46.7	46.8	46.8	47.5	47.9	47.9	48.6	48.7	49.1	49.2
GE 5000	40.0	43.9	45.4	46.1	47.0	47.1	48.0	48.2	48.2	48.8	49.3	49.3	50.0	50.0	50.4	50.6
GE 4500	41.3	45.3	46.8	47.5	48.4	48.5	49.4	49.6	49.6	50.2	50.7	50.8	51.4	51.5	52.0	52.1
GE 4000	43.2	47.5	49.1	49.8	50.8	50.9	51.8	52.0	52.0	52.7	53.3	53.3	54.1	54.1	54.6	54.8
GE 3500	45.5	50.2	52.0	52.9	54.3	54.4	55.3	55.5	55.5	56.2	56.8	56.9	57.9	57.9	58.5	58.8
GE 3000	47.0	52.0	53.9	54.9	56.4	56.6	57.6	57.8	57.8	58.5	59.2	59.2	60.2	60.3	60.8	61.1
GE 2500	48.6	54.1	56.3	57.3	58.9	59.1	60.2	60.3	60.4	61.1	61.8	61.9	62.9	62.9	63.5	63.8
GE 2000	50.3	56.6	59.2	60.4	62.3	62.5	63.7	63.9	63.9	64.7	65.4	65.5	66.5	66.6	67.2	67.5
GE 1800	50.9	57.4	60.1	61.4	63.4	63.6	64.8	65.0	65.1	65.8	66.6	66.7	67.7	67.8	68.4	68.7
GE 1500	52.0	59.1	62.1	63.5	65.9	66.1	67.5	67.8	67.8	68.6	69.4	69.4	70.5	70.6	71.3	71.6
GE 1200	53.5	61.2	64.6	66.3	69.5	69.7	71.2	71.5	71.6	72.7	73.8	74.0	75.1	75.2	75.9	76.2
GE 1000	54.1	62.1	65.7	67.5	71.2	71.4	72.9	73.5	73.6	74.8	75.9	76.1	77.3	77.5	78.1	78.5
GE 900	54.6	62.9	66.5	68.4	72.2	72.5	74.1	75.0	75.1	76.5	77.7	77.9	79.1	79.3	79.9	80.3
GE 800	54.8	63.3	67.2	69.1	73.1	73.5	75.2	76.3	76.4	77.9	79.4	79.5	80.7	81.0	81.6	82.0
GE 700	54.9	63.6	67.7	69.6	73.8	74.3	76.1	77.5	77.6	79.3	80.8	81.0	82.3	82.5	83.1	83.6
GE 600	55.4	64.6	68.8	70.9	75.5	76.0	78.0	79.7	79.9	81.8	83.6	83.8	85.3	85.5	86.3	86.8
GE 500	55.7	65.1	69.5	71.7	76.7	77.3	79.4	81.4	81.6	83.8	86.0	86.3	87.7	88.0	88.8	89.3
GE 400	55.7	65.3	69.8	72.0	77.1	77.8	80.1	82.5	82.7	85.2	88.2	88.6	90.4	90.7	91.7	92.5
GE 300	55.7	65.3	69.8	72.0	77.2	77.9	80.2	82.6	82.8	85.7	89.3	89.6	91.9	92.2	93.6	94.5
GE 200	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	85.8	89.7	90.1	92.8	93.2	94.7	96.1
GE 100	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	86.0	90.0	90.4	93.4	93.7	95.6	97.8
GE 0	55.7	65.3	69.8	72.1	77.2	77.9	80.3	82.7	82.9	86.0	90.1	90.5	93.7	94.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 5200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.3	49.7	51.9	52.9	55.6	56.1	58.0	58.0	58.1	58.1	58.5	58.5	58.6	58.6	58.6	59.2
GE 20000	46.4	50.8	53.2	54.2	57.5	58.0	59.8	59.8	60.0	60.0	60.5	60.5	60.7	60.7	60.7	61.2
GE 18000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 16000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 14000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 12000	47.1	51.5	53.9	54.9	58.1	58.6	60.5	60.5	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.9
GE 10000	47.1	51.7	54.1	55.1	58.3	58.8	60.7	60.7	60.8	60.8	61.4	61.4	61.5	61.5	61.5	62.0
GE 9000	47.6	52.2	54.6	55.6	58.8	59.3	61.2	61.2	61.4	61.4	61.9	61.9	62.0	62.0	62.0	62.5
GE 8000	49.2	53.7	56.1	57.1	60.3	60.8	62.7	62.7	62.9	62.9	63.4	63.4	63.6	63.6	63.6	64.1
GE 7000	50.3	55.1	57.5	58.5	62.0	62.5	64.4	64.4	64.6	64.6	65.1	65.1	65.3	65.3	65.3	65.8
GE 6000	50.7	55.4	57.8	59.2	62.7	63.2	65.1	65.1	65.3	65.4	65.9	65.9	66.1	66.1	66.1	66.6
GE 5000	51.0	55.8	58.1	59.5	63.1	63.6	65.4	65.4	65.6	65.8	66.3	66.3	66.4	66.4	66.4	66.9
GE 4500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 4000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 3500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 3000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 2500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 2000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1800	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1600	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1400	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1200	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 1000	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 900	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 800	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 700	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 600	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 500	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 400	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 300	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 200	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9
GE 100	51.1	56.3	58.6	60.0	63.9	64.4	66.3	66.3	66.5	66.8	67.3	67.3	67.4	67.4	67.4	67.9

TOTAL NUMBER OF OBSERVATIONS: 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.1	37.2	38.2	38.6	39.6	40.4	40.7	41.2	41.2	41.5	42.1	42.1	42.4	42.4	42.5
GE 20000	37.0	40.6	41.9	42.2	43.3	44.1	44.4	44.9	44.9	45.2	45.8	45.8	46.1	46.1	46.4
GE 18000	38.4	42.4	43.8	44.1	45.2	45.9	46.2	46.7	46.7	47.0	47.6	47.6	47.9	47.9	48.2
GE 16000	38.7	42.7	44.1	44.4	45.5	46.2	46.5	47.0	47.0	47.3	47.9	47.9	48.2	48.2	48.5
GE 14000	38.7	42.7	44.1	44.4	45.5	46.2	46.5	47.0	47.0	47.3	47.9	47.9	48.2	48.2	48.5
GE 12000	39.2	43.2	44.5	44.9	45.9	46.7	47.0	47.5	47.5	47.9	48.5	48.5	48.8	48.8	49.2
GE 10000	39.3	43.3	44.7	45.0	46.1	46.9	47.2	47.6	47.6	48.2	48.8	48.8	49.2	49.2	49.5
GE 9000	39.9	44.1	45.5	45.8	46.9	47.6	47.9	48.4	48.4	49.0	49.6	49.6	49.9	49.9	50.2
GE 8000	42.4	46.7	48.1	48.4	49.6	50.8	50.8	51.3	51.3	51.9	52.5	52.5	52.8	52.8	53.1
GE 7000	43.8	48.2	49.4	50.2	51.6	52.8	52.8	53.3	53.3	53.9	54.7	54.7	55.1	55.1	55.5
GE 6000	45.0	49.5	51.3	51.6	53.1	53.9	54.4	54.8	54.8	55.5	56.2	56.2	56.7	56.7	57.0
GE 5000	45.8	50.2	52.1	52.4	53.9	54.7	55.3	55.9	55.9	56.5	57.5	57.5	57.9	57.9	58.2
GE 4500	47.3	51.8	53.6	53.9	55.9	56.7	57.3	57.9	57.9	58.5	59.4	59.4	59.9	59.9	60.2
GE 4000	48.1	53.1	55.1	55.6	57.8	58.5	59.4	60.1	60.1	60.8	61.8	61.8	62.4	62.4	62.7
GE 3500	50.4	55.6	57.6	58.1	60.2	61.0	62.7	63.4	63.4	64.2	65.3	65.3	65.9	65.9	66.2
GE 3000	51.5	57.5	60.2	60.8	63.1	63.9	65.7	66.5	66.5	67.6	68.7	68.7	69.4	69.4	70.2
GE 2500	52.4	58.4	61.1	61.9	64.2	65.0	66.8	67.6	67.6	68.7	69.7	69.7	70.5	70.5	71.3
GE 2000	53.1	59.3	62.2	63.3	65.6	66.4	68.4	69.1	69.1	70.2	71.4	71.4	72.2	72.2	73.4
GE 1800	54.1	60.2	63.1	64.2	66.7	67.8	69.4	70.2	70.2	71.3	72.5	72.5	73.3	73.3	74.5
GE 1500	54.1	61.0	63.9	65.1	67.7	68.5	70.7	71.4	71.6	72.7	73.9	73.9	75.0	75.0	76.5
GE 1200	54.4	61.6	64.8	66.2	69.1	69.9	72.4	73.7	73.9	75.3	77.4	77.4	78.5	78.5	80.0
GE 1000	54.7	62.1	65.3	66.8	69.7	70.5	73.1	74.7	74.8	76.3	78.5	78.5	79.6	79.6	81.1
GE 900	55.1	63.1	66.4	67.9	70.8	71.6	74.2	75.9	76.0	77.6	79.7	79.7	80.8	80.8	82.3
GE 800	55.1	63.4	66.7	68.2	71.1	71.9	74.5	76.2	76.3	78.0	80.3	80.3	81.4	81.4	82.9
GE 700	55.1	63.9	67.1	68.7	71.7	72.5	75.3	77.0	77.1	79.3	81.7	81.7	82.9	82.9	84.5
GE 600	55.8	64.5	67.9	69.6	72.8	73.6	76.5	78.3	78.5	81.0	83.7	83.7	85.1	85.1	86.6
GE 500	55.9	64.8	68.2	69.4	73.1	73.9	76.8	79.1	79.4	82.0	85.4	85.4	86.9	86.9	88.9
GE 400	56.5	66.8	70.5	72.2	75.7	76.5	79.6	82.6	82.9	85.7	89.6	89.6	91.1	91.1	93.7
GE 300	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.1	83.4	86.2	90.0	90.0	91.7	91.7	94.5
GE 200	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.2	87.1	91.7	91.7	93.4	93.5	96.9
GE 100	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.5	87.4	92.2	92.2	94.5	94.6	98.5
GE 0	56.5	67.1	71.0	72.7	76.2	77.0	80.0	83.7	84.5	87.4	92.3	92.3	94.8	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.6	37.0	37.2	37.6	38.6	38.7	39.2	40.4	40.7	40.7	41.3	41.3	41.6	41.6	41.6	41.6
GE 20000	35.8	38.4	38.6	39.2	40.1	40.2	40.7	41.9	42.2	42.2	42.9	42.9	43.2	43.2	43.2	43.2
GE 18000	37.3	40.7	40.9	41.5	42.5	42.7	43.2	44.7	45.0	45.0	45.6	45.6	45.9	45.9	45.9	45.9
GE 16000	37.8	41.2	41.3	41.9	43.0	43.2	43.6	45.2	45.5	45.5	46.1	46.1	46.4	46.4	46.4	46.4
GE 14000	38.1	41.5	41.8	42.4	43.5	43.6	44.1	45.6	45.9	45.9	46.5	46.5	46.9	46.9	46.9	46.9
GE 12000	38.2	41.6	41.9	42.5	43.6	43.8	44.4	45.9	46.2	46.2	46.9	46.9	47.2	47.2	47.2	47.2
GE 10000	38.2	41.6	41.9	42.5	43.6	43.8	44.4	45.9	46.2	46.2	46.9	46.9	47.2	47.2	47.2	47.2
GE 9000	39.0	42.4	42.7	43.3	44.4	44.5	45.2	46.7	47.0	47.0	47.6	47.6	47.9	47.9	47.9	47.9
GE 8000	41.5	45.3	45.6	46.4	47.5	47.6	48.2	49.8	50.1	50.1	50.7	50.7	51.0	51.0	51.0	51.0
GE 7000	43.8	48.2	48.6	49.9	51.2	51.3	52.1	53.6	53.9	53.9	54.5	54.5	55.0	55.0	55.0	55.0
GE 6000	44.4	48.8	49.6	50.7	51.9	52.1	52.8	54.4	54.7	54.7	55.3	55.3	55.8	55.8	55.8	55.8
GE 5000	46.1	50.7	51.5	52.5	53.8	53.9	54.7	56.2	56.5	56.5	57.1	57.1	57.6	57.6	57.6	57.6
GE 4500	46.5	51.5	52.2	53.3	54.8	55.0	55.8	57.5	57.8	57.8	58.4	58.4	58.8	58.8	59.0	59.0
GE 4000	48.5	53.8	54.5	55.6	57.5	57.8	58.8	60.5	60.8	61.8	62.7	62.8	63.6	63.6	63.7	63.7
GE 3500	50.1	55.6	56.5	57.9	59.9	60.2	61.9	63.6	63.9	64.8	65.7	65.9	66.8	66.8	67.0	67.4
GE 3000	51.3	57.3	58.5	60.1	62.1	62.4	64.1	65.7	66.1	67.0	67.9	68.0	69.1	69.1	69.3	69.7
GE 2500	53.6	59.9	61.4	63.3	66.1	66.4	68.0	69.7	70.0	71.0	71.9	72.0	73.1	73.1	73.3	73.7
GE 2000	55.0	61.3	63.1	65.0	67.7	68.5	70.2	71.9	72.2	73.1	74.0	74.2	75.3	75.3	75.4	75.9
GE 1800	55.1	61.6	63.4	65.3	68.0	68.8	70.5	72.2	72.5	73.4	74.5	74.7	75.7	75.7	75.9	76.3
GE 1500	55.5	62.1	63.9	66.1	69.4	70.2	71.9	73.6	73.9	74.8	75.9	76.0	77.1	77.1	77.3	77.7
GE 1200	55.9	63.6	65.9	68.2	72.2	73.1	75.0	76.8	77.1	78.0	79.1	79.3	80.3	80.3	80.5	81.0
GE 1000	56.1	64.4	66.8	69.3	73.6	74.5	76.3	78.2	78.5	79.6	80.6	80.8	81.9	81.9	82.0	82.5
GE 900	56.2	64.7	67.1	69.7	74.0	75.1	77.0	78.8	79.1	80.2	81.6	81.7	82.8	82.8	82.9	83.4
GE 800	56.2	64.8	67.3	70.2	74.5	75.6	77.4	79.4	79.7	81.1	82.5	82.6	83.7	83.7	83.9	84.3
GE 700	56.7	65.7	68.2	71.1	75.4	76.5	78.5	80.5	80.8	82.3	84.3	84.5	85.6	85.6	85.7	86.2
GE 600	56.7	66.5	69.1	72.0	76.3	77.4	79.6	81.6	82.2	83.7	86.9	87.1	88.2	88.2	88.3	88.8
GE 500	56.7	66.8	69.6	72.5	76.8	77.9	80.3	82.5	83.1	84.6	88.6	88.8	90.5	90.5	90.6	91.6
GE 400	57.1	67.9	71.0	73.9	78.5	79.6	82.3	84.6	85.3	86.9	91.2	91.4	93.2	93.2	93.4	94.3
GE 300	57.1	68.2	71.3	74.2	78.8	79.9	82.6	85.1	85.7	87.4	91.7	91.9	94.0	94.0	94.3	95.4
GE 200	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.3	92.6	95.1	95.1	95.5	96.8
GE 100	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.3	92.6	95.2	95.2	95.7	97.2
GE 0	57.3	68.5	71.6	74.5	79.3	80.3	83.1	85.6	86.2	87.9	92.5	92.8	95.7	95.9	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.2	32.1	32.4	32.7	32.9	33.0	33.3	34.3	34.3	34.3	35.2	35.3	35.3	35.3	35.3	35.3
GE 20000	33.0	33.9	34.3	34.6	34.7	34.9	35.2	36.3	36.3	36.3	37.2	37.3	37.3	37.3	37.5	37.5
GE 18000	34.1	35.6	35.9	36.3	36.6	36.7	37.0	38.6	38.6	38.6	39.6	39.8	39.8	39.8	39.9	39.9
GE 16000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 14000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 12000	34.6	36.1	36.4	36.7	37.0	37.2	37.5	39.0	39.0	39.0	40.1	40.2	40.2	40.2	40.4	40.4
GE 10000	34.7	36.3	36.6	36.9	37.2	37.3	37.6	39.2	39.2	39.2	40.2	40.4	40.4	40.4	40.6	40.6
GE 9000	35.3	36.9	37.2	37.5	37.8	37.9	38.2	39.8	39.8	39.8	40.9	41.0	41.0	41.0	41.2	41.2
GE 8000	37.0	39.2	39.8	40.2	40.9	41.0	41.3	42.9	42.9	42.9	43.9	44.1	44.1	44.1	44.2	44.2
GE 7000	40.2	43.0	43.6	44.1	44.7	44.9	45.2	46.7	46.7	46.9	47.9	48.1	48.1	48.1	48.2	48.2
GE 6000	41.8	44.5	45.2	45.6	46.2	46.4	46.7	48.2	48.2	48.4	49.5	49.6	49.6	49.6	49.8	49.8
GE 5000	42.7	45.5	46.1	46.7	47.3	47.5	47.9	49.5	49.5	49.8	50.8	51.0	51.0	51.0	51.2	51.2
GE 4500	43.2	45.9	46.5	47.2	47.8	47.9	48.4	49.9	49.9	50.4	51.5	51.6	51.6	51.6	51.8	51.8
GE 4000	45.6	48.4	49.2	49.8	50.4	50.5	51.0	52.5	52.5	53.3	54.5	54.7	54.7	54.7	54.8	54.8
GE 3500	48.2	51.9	52.7	54.1	55.1	55.3	55.8	57.5	57.5	58.2	59.4	59.6	59.6	59.6	59.9	60.2
GE 3000	49.6	53.5	54.2	55.9	57.0	57.1	57.6	59.3	59.3	60.1	61.3	61.4	61.4	61.4	61.8	62.1
GE 2500	50.8	55.5	56.4	58.1	59.4	59.6	60.1	61.8	61.8	62.5	63.7	63.9	63.9	63.9	64.2	64.5
GE 2000	52.2	57.5	58.5	60.4	62.1	62.2	63.1	64.8	64.8	65.6	67.3	67.4	67.6	67.6	67.9	68.2
GE 1800	52.2	57.5	58.5	60.5	62.2	62.4	63.3	65.0	65.0	65.7	67.4	67.6	67.7	67.7	68.0	68.4
GE 1500	53.0	59.0	60.1	62.2	63.9	64.1	65.3	67.0	67.0	67.7	69.4	69.6	69.7	69.7	70.2	70.5
GE 1200	53.9	61.8	63.7	66.1	68.2	68.5	69.7	71.6	71.6	72.4	74.3	74.5	74.7	74.7	75.1	75.6
GE 1000	54.7	63.6	65.9	68.4	70.8	71.3	73.0	75.1	75.1	76.0	78.3	78.5	78.6	78.6	79.4	79.9
GE 900	55.0	64.5	67.0	69.4	71.9	72.4	74.0	76.2	76.2	77.3	80.2	80.3	80.5	80.5	81.3	81.7
GE 800	55.0	64.7	67.4	69.9	72.4	72.8	74.7	77.1	77.1	78.2	81.1	81.3	81.4	81.4	82.2	82.6
GE 700	55.0	64.7	67.4	69.9	72.4	72.8	74.7	77.3	77.3	78.3	81.9	82.0	82.3	82.3	83.1	83.7
GE 600	55.0	64.8	67.6	70.0	72.5	73.0	74.8	77.6	77.7	79.4	84.3	84.6	84.9	84.9	85.9	86.8
GE 500	55.3	65.4	68.2	70.7	73.3	73.7	75.9	78.8	79.0	80.6	86.6	87.1	87.7	87.7	88.8	90.0
GE 400	55.5	66.2	69.1	71.6	74.7	75.1	77.4	80.5	80.6	83.3	90.5	90.9	92.0	92.0	93.1	94.3
GE 300	55.8	66.7	69.6	72.2	75.4	75.9	78.2	81.6	81.7	84.6	92.5	92.9	94.2	94.2	95.4	97.2
GE 200	55.8	66.8	69.7	72.4	75.6	76.2	78.8	82.2	82.3	85.3	93.1	93.5	94.8	94.8	96.2	98.5
GE 100	55.8	66.8	69.7	72.4	75.6	76.2	79.0	82.3	82.5	85.4	93.2	93.7	94.9	95.1	96.5	98.9
GE 0	55.8	66.8	69.7	72.4	75.6	76.2	79.0	82.3	82.5	85.4	93.2	93.7	94.9	95.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.9	36.1	37.0	37.2	38.1	38.4	38.9	38.9	38.9	38.9	39.3	39.3	39.6	39.8	40.2	40.9
GE 20000	35.0	37.3	38.2	38.4	39.3	39.6	40.1	40.1	40.1	40.1	40.6	40.6	40.9	41.0	41.5	42.1
GE 18000	35.9	38.2	39.2	39.3	40.2	40.6	41.0	41.0	41.0	41.0	41.5	41.5	41.8	41.9	42.4	43.0
GE 16000	36.1	38.4	39.3	39.5	40.4	40.7	41.2	41.2	41.2	41.2	41.6	41.6	41.9	42.1	42.5	43.3
GE 14000	36.1	38.4	39.3	39.5	40.4	40.7	41.2	41.2	41.2	41.2	41.6	41.6	41.9	42.1	42.5	43.3
GE 12000	36.4	38.7	39.6	39.8	40.7	41.0	41.5	41.5	41.5	41.5	41.9	41.9	42.2	42.4	42.9	43.6
GE 10000	36.7	39.0	39.9	40.1	41.0	41.3	41.8	41.8	41.8	41.8	42.2	42.2	42.5	42.7	43.2	43.9
GE 9000	36.9	39.2	40.1	40.2	41.2	41.5	41.9	41.9	41.9	41.9	42.4	42.4	42.7	42.9	43.3	44.1
GE 8000	39.0	41.6	42.9	43.0	44.1	44.4	44.9	44.9	44.9	44.9	45.3	45.3	45.6	45.8	46.2	47.0
GE 7000	41.6	44.7	45.9	46.1	47.2	47.5	48.1	48.1	48.1	48.2	48.7	48.7	49.0	49.2	49.6	50.4
GE 6000	43.0	46.2	47.5	47.9	49.2	49.5	50.1	50.1	50.1	50.2	50.7	50.7	51.0	51.2	51.6	52.4
GE 5000	44.1	47.5	48.7	49.3	50.5	50.8	51.5	51.5	51.5	51.6	52.1	52.1	52.4	52.5	53.0	53.8
GE 4500	44.7	48.1	49.3	49.9	51.2	51.5	52.1	52.1	52.1	52.2	52.7	52.7	53.0	53.1	53.6	54.4
GE 4000	45.5	49.2	50.5	51.8	53.3	53.6	54.2	54.2	54.2	54.5	55.0	55.0	55.3	55.5	55.9	56.7
GE 3500	47.6	51.6	53.1	54.4	56.1	56.4	57.1	57.3	57.3	57.6	58.2	58.2	58.5	58.7	59.3	60.1
GE 3000	49.0	53.1	54.8	56.4	58.2	58.5	59.3	59.4	59.4	59.8	60.4	60.5	60.8	61.0	61.6	62.4
GE 2500	51.5	56.1	57.8	59.3	61.4	61.8	62.5	62.7	62.7	63.0	63.6	63.7	64.2	64.4	65.0	65.7
GE 2000	53.3	58.4	60.1	61.8	64.2	64.5	65.7	65.9	66.1	66.4	67.1	67.3	67.7	67.9	68.5	69.3
GE 1800	53.8	59.0	60.7	62.5	65.3	65.6	66.8	67.0	67.1	67.4	68.2	68.4	68.8	69.0	69.6	70.4
GE 1500	54.4	60.1	61.8	64.1	66.8	67.1	68.5	68.7	68.8	69.1	69.9	70.0	70.5	70.7	71.3	72.0
GE 1200	55.6	62.5	64.7	67.4	71.1	71.7	73.3	73.7	73.9	74.2	75.0	75.1	75.6	75.7	76.3	77.1
GE 1000	56.1	63.3	65.9	68.8	73.3	73.9	75.4	75.9	76.2	76.7	77.4	77.6	78.3	78.5	79.1	79.9
GE 900	56.2	63.9	66.7	69.6	74.3	75.0	76.7	77.3	77.6	78.2	79.0	79.1	79.9	80.0	80.6	81.4
GE 800	56.5	64.5	67.4	70.4	75.4	76.0	78.0	79.0	79.3	80.0	81.1	81.3	82.0	82.2	82.8	83.6
GE 700	56.5	64.5	67.4	70.5	75.7	76.3	78.3	79.3	79.6	80.3	81.7	81.9	82.6	82.8	83.4	84.6
GE 600	57.3	65.3	68.4	71.4	77.9	78.5	81.1	82.3	82.8	83.9	85.4	85.6	86.5	86.6	87.3	88.8
GE 500	57.5	65.6	68.7	72.2	79.0	79.6	82.3	83.7	84.2	85.3	87.7	87.9	88.9	89.1	89.9	91.6
GE 400	57.6	65.9	69.1	73.1	80.0	80.6	83.6	84.9	85.4	86.6	90.2	90.5	92.0	92.2	93.2	94.9
GE 300	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	91.9	92.2	93.9	94.0	95.2	97.7
GE 200	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	95.7	98.5
GE 100	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	96.3	99.7
GE 0	57.6	65.9	69.1	73.1	80.2	80.8	83.9	85.3	85.7	87.1	92.0	92.3	94.2	94.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.9	38.4	39.6	39.9	41.0	41.0	41.6	41.6	41.6	41.8	42.7	42.7	42.9	43.0	43.5	44.1
GE 20000	35.2	38.7	39.9	40.2	41.3	41.3	41.9	41.9	41.9	42.1	43.0	43.0	43.2	43.3	43.8	44.4
GE 18000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 16000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 14000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 12000	35.6	39.2	40.4	40.7	41.8	41.8	42.4	42.4	42.4	42.5	43.5	43.5	43.6	43.8	44.2	45.3
GE 10000	36.7	40.2	41.5	41.8	42.9	42.9	43.5	43.5	43.5	43.6	44.5	44.5	44.7	44.9	45.3	46.4
GE 9000	37.5	41.0	42.2	42.5	43.6	43.6	44.2	44.2	44.2	44.4	45.3	45.3	45.5	45.6	46.1	47.2
GE 8000	40.4	43.9	45.3	45.6	46.7	46.7	47.3	47.3	47.3	47.5	48.4	48.4	48.5	48.7	49.2	50.2
GE 7000	44.2	47.8	49.2	49.5	50.5	50.5	51.2	51.2	51.2	51.3	52.2	52.2	52.4	52.5	53.0	54.1
GE 6000	44.5	48.2	49.6	50.4	51.5	51.5	52.1	52.1	52.1	52.2	53.1	53.1	53.3	53.5	53.9	55.0
GE 5000	45.6	49.6	51.0	51.8	52.8	52.8	53.5	53.5	53.5	53.6	54.7	54.8	55.0	55.1	55.6	56.7
GE 4500	46.2	50.2	51.6	52.4	53.6	53.6	54.2	54.2	54.2	54.4	55.5	55.5	55.8	55.9	56.4	57.5
GE 4000	47.2	51.6	53.0	54.2	55.8	55.8	56.4	56.4	56.4	56.5	57.8	57.9	58.1	58.2	58.7	59.8
GE 3500	49.2	54.5	56.8	58.1	59.9	59.9	60.5	60.5	60.5	60.7	62.4	62.5	62.7	62.8	63.3	64.4
GE 3000	50.2	55.9	58.5	59.8	61.8	61.8	62.5	62.5	62.5	62.7	64.4	64.5	64.7	64.8	65.3	66.4
GE 2500	51.3	57.5	60.1	61.3	63.4	63.4	64.2	64.2	64.2	64.4	66.1	66.2	66.5	66.7	67.1	68.2
GE 2000	52.7	59.4	62.2	63.4	65.7	65.7	66.7	66.7	66.7	67.0	68.8	69.0	69.4	69.6	70.0	71.1
GE 1800	52.8	59.6	62.8	64.2	66.5	66.5	67.4	67.4	67.4	67.7	69.6	69.7	70.2	70.4	70.8	71.9
GE 1500	53.6	60.7	64.1	65.4	67.7	67.7	68.8	68.8	68.8	69.1	71.0	71.1	71.6	71.7	72.2	73.3
GE 1200	54.7	63.7	67.6	69.1	72.2	72.4	73.9	73.9	73.9	74.2	76.0	76.2	76.7	76.8	77.3	78.3
GE 1000	54.7	64.2	68.0	69.6	73.3	73.6	75.3	75.3	75.3	75.7	77.7	77.9	78.3	78.5	79.0	80.0
GE 900	54.7	64.2	68.4	69.9	73.6	73.9	75.6	75.7	75.7	76.2	78.6	78.8	79.4	79.6	80.0	81.3
GE 800	54.7	64.5	69.0	70.5	74.5	74.8	77.0	77.6	77.6	78.5	81.1	81.3	81.9	82.0	82.5	83.7
GE 700	54.7	64.5	69.1	71.0	75.6	75.9	78.0	78.6	78.6	79.7	82.3	82.5	83.1	83.3	83.7	85.1
GE 600	54.8	65.0	69.7	71.6	77.0	77.4	80.5	81.1	81.1	82.3	85.4	85.6	86.2	86.5	86.9	88.3
GE 500	54.8	65.0	69.7	71.7	78.0	78.5	81.9	82.5	82.5	83.9	87.7	87.9	88.8	89.1	89.7	91.1
GE 400	55.3	65.4	70.7	72.7	79.0	79.4	82.9	83.6	83.6	84.9	89.6	89.9	91.2	91.7	92.6	94.0
GE 300	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.2	91.6	93.5	94.2	95.5	97.5
GE 200	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	93.9	94.5	96.2	96.8
GE 100	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	93.9	94.5	96.2	99.4
GE 0	55.3	65.6	70.8	73.1	79.4	79.9	83.6	84.2	84.2	85.6	91.4	91.7	94.0	94.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.4	38.7	39.8	40.1	40.9	40.9	41.3	41.3	41.3	41.3	43.8	43.8	44.1	44.1	44.5	45.0
GE 20000	36.3	41.0	42.1	42.4	43.2	43.2	43.6	43.6	43.6	43.6	46.1	46.1	46.4	46.4	46.9	47.3
GE 18000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 16000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 14000	37.0	41.8	42.9	43.2	43.9	43.9	44.4	44.4	44.4	44.4	47.0	47.0	47.3	47.3	47.8	48.7
GE 12000	37.3	42.1	43.2	43.5	44.2	44.2	44.7	44.7	44.7	44.7	47.3	47.3	47.6	47.6	48.1	49.0
GE 10000	38.4	43.3	44.4	44.9	45.6	45.6	46.1	46.1	46.1	46.1	48.7	48.7	49.0	49.0	49.5	50.4
GE 9000	39.0	43.9	45.0	45.5	46.2	46.2	46.7	46.7	46.7	46.7	49.3	49.3	49.6	49.6	50.1	51.0
GE 8000	42.2	47.3	48.4	48.8	49.6	49.6	50.1	50.1	50.1	50.1	52.7	52.7	53.0	53.0	53.5	54.4
GE 7000	44.4	49.6	50.7	51.2	51.9	51.9	52.4	52.4	52.4	52.4	55.0	55.0	55.3	55.3	55.8	56.7
GE 6000	45.3	50.5	51.8	52.5	53.3	53.3	53.8	53.8	53.8	53.8	56.4	56.4	56.7	56.8	57.3	58.2
GE 5000	46.1	51.6	53.0	53.9	54.7	54.7	55.1	55.1	55.1	55.1	57.9	57.9	58.2	58.4	58.8	59.9
GE 4500	46.7	52.2	53.6	54.5	55.5	55.5	55.9	55.9	55.9	55.9	58.7	58.7	59.0	59.1	59.6	60.7
GE 4000	47.9	53.6	55.0	56.4	57.5	57.5	57.9	57.9	57.9	57.9	60.7	60.7	61.0	61.1	61.6	62.7
GE 3500	49.5	55.1	57.3	59.1	60.7	60.8	61.3	61.3	61.3	61.3	64.7	64.7	65.0	65.1	65.6	66.7
GE 3000	51.3	57.5	59.6	61.6	63.6	63.7	64.2	64.2	64.2	64.2	67.6	67.6	67.9	68.0	68.5	69.6
GE 2500	52.5	58.7	60.8	62.8	65.3	65.4	65.9	65.9	65.9	65.9	69.3	69.3	69.6	69.7	70.2	71.3
GE 2000	53.6	60.1	62.4	64.4	67.3	67.4	67.9	67.9	67.9	67.9	71.3	71.3	71.6	71.7	72.2	73.3
GE 1800	53.6	60.2	62.7	64.7	67.6	67.7	68.2	68.2	68.2	68.2	71.6	71.6	71.9	72.0	72.5	73.6
GE 1500	53.9	60.5	63.4	65.6	68.7	69.0	69.4	69.4	69.9	69.9	73.7	73.7	74.0	74.2	74.7	75.7
GE 1200	55.3	63.3	66.4	68.7	71.9	72.2	73.1	73.1	73.6	73.6	77.9	77.9	78.2	78.3	78.8	79.9
GE 1000	55.5	63.4	66.5	68.8	72.5	73.0	74.0	74.0	74.5	74.5	79.1	79.1	79.6	79.7	80.2	81.3
GE 900	55.6	63.6	66.8	69.3	73.0	73.4	74.5	74.5	75.0	75.1	79.9	79.9	80.5	80.6	81.1	82.2
GE 800	55.6	63.6	67.1	69.9	73.7	74.2	75.3	75.6	76.0	76.2	81.0	81.0	81.6	81.7	82.2	83.3
GE 700	55.6	63.6	67.1	69.9	73.7	74.2	75.3	75.6	76.0	76.2	81.0	81.0	81.9	82.0	82.5	83.6
GE 600	55.9	64.1	67.9	70.8	75.3	75.7	78.2	78.8	79.3	79.6	84.3	84.3	85.6	85.7	86.3	87.6
GE 500	56.1	64.4	68.2	71.1	75.7	76.2	78.6	79.3	79.7	80.6	85.7	85.7	87.3	87.4	88.3	89.9
GE 400	56.7	65.0	69.0	72.2	76.8	77.3	80.2	81.0	81.4	82.3	88.2	88.2	90.6	90.8	92.2	93.9
GE 300	56.7	65.0	69.0	72.2	77.3	77.7	81.0	81.7	82.2	83.1	89.7	89.7	92.2	92.3	93.9	96.3
GE 200	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.3	82.8	83.7	90.3	90.3	92.8	92.9	95.1	97.7
GE 100	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.5	82.9	83.9	90.6	90.6	93.1	93.2	95.9	98.5
GE 0	56.7	65.1	69.3	72.5	77.6	78.0	81.3	82.5	82.9	83.9	90.8	90.8	93.9	94.0	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	44.6	46.7	47.6	49.4	49.5	51.0	51.4	51.4	51.7	52.7	52.7	53.3	53.3	53.5	53.8
GE 20000	40.9	45.8	48.0	48.9	50.8	50.9	52.4	52.8	52.9	53.1	54.1	54.2	54.8	54.8	55.0	55.3
GE 18000	41.6	46.6	48.8	49.7	51.8	51.9	53.4	53.8	53.9	54.1	55.2	55.2	55.8	55.8	56.0	56.3
GE 16000	41.6	46.6	48.9	49.8	51.8	52.0	53.5	53.9	54.0	54.2	55.2	55.3	55.9	55.9	56.1	56.4
GE 14000	41.8	46.8	49.0	49.9	52.0	52.1	53.6	54.0	54.1	54.3	55.4	55.4	56.0	56.0	56.2	56.5
GE 12000	42.1	47.1	49.4	50.3	52.4	52.5	54.0	54.4	54.5	54.7	55.8	55.8	56.4	56.4	56.6	56.9
GE 10000	43.0	48.1	50.3	51.2	53.3	53.4	54.9	55.3	55.4	55.6	56.7	56.8	57.4	57.4	57.6	58.0
GE 9000	43.7	48.7	51.0	51.9	54.0	54.1	55.6	56.0	56.1	56.3	57.4	57.5	58.1	58.1	58.3	58.7
GE 8000	44.9	50.2	52.4	53.3	55.5	55.6	57.1	57.5	57.6	57.8	58.9	59.0	59.6	59.6	59.8	60.2
GE 7000	46.0	51.4	53.7	54.7	56.9	57.1	58.7	59.1	59.2	59.5	60.6	60.7	61.3	61.3	61.5	61.9
GE 6000	46.5	52.1	54.4	55.5	57.9	58.0	59.6	60.1	60.2	60.4	61.6	61.7	62.3	62.3	62.5	62.9
GE 5000	47.5	53.2	55.5	56.7	59.1	59.3	60.8	61.3	61.4	61.6	62.8	62.9	63.5	63.5	63.7	64.1
GE 4500	48.4	54.3	56.7	58.0	60.4	60.5	62.1	62.6	62.6	62.9	64.1	64.2	64.8	64.8	65.0	65.4
GE 4000	49.5	55.9	58.5	59.8	62.2	62.3	63.9	64.4	64.5	64.8	66.0	66.1	66.7	66.7	66.9	67.3
GE 3500	51.0	57.8	60.4	61.7	64.2	64.4	66.1	66.6	66.7	67.0	68.2	68.3	69.0	69.0	69.2	69.6
GE 3000	51.7	58.8	61.4	62.8	65.5	65.7	67.4	67.9	68.0	68.3	69.7	69.8	70.4	70.4	70.6	71.0
GE 2500	52.6	60.2	63.0	64.4	67.2	67.4	69.1	69.6	69.7	70.0	71.4	71.5	72.1	72.1	72.4	72.7
GE 2000	53.4	61.5	64.4	65.9	69.0	69.2	71.1	71.6	71.7	72.2	73.6	73.7	74.4	74.4	74.7	75.0
GE 1800	53.9	62.0	64.9	66.5	69.8	70.0	72.0	72.5	72.6	73.1	74.6	74.7	75.3	75.4	75.6	76.0
GE 1500	54.2	62.5	65.4	67.1	70.6	70.8	73.0	73.5	73.6	74.1	75.7	75.8	76.5	76.5	76.8	77.1
GE 1200	55.0	63.8	67.1	69.1	72.9	73.2	75.7	76.3	76.5	77.1	79.2	79.3	80.0	80.1	80.4	80.8
GE 1000	55.6	64.7	68.2	70.4	74.5	74.9	77.5	78.1	78.3	79.0	81.4	81.6	82.4	82.5	83.0	83.5
GE 900	55.8	65.1	68.9	71.2	75.5	75.9	78.5	79.3	79.5	80.3	82.8	83.0	83.8	83.9	84.4	84.9
GE 800	56.1	65.6	69.7	72.0	76.4	76.9	79.5	80.7	81.0	81.8	84.5	84.7	85.6	85.7	86.2	86.8
GE 700	56.3	66.0	70.1	72.6	77.0	77.4	80.2	81.4	81.8	82.6	85.6	85.7	86.8	86.8	87.4	88.1
GE 600	56.6	66.4	70.7	73.4	78.7	79.2	82.3	84.0	84.4	85.5	89.0	89.1	90.4	90.6	91.2	92.0
GE 500	56.9	66.8	71.1	73.9	79.3	79.8	83.0	84.8	85.3	86.6	90.3	90.5	91.9	92.0	92.8	93.9
GE 400	57.0	66.9	71.3	74.1	79.5	80.0	83.5	85.5	86.1	87.4	91.8	92.0	93.5	93.7	94.7	96.1
GE 300	57.0	67.0	71.4	74.1	79.6	80.1	83.7	85.7	86.3	87.7	92.5	92.8	94.4	94.6	95.9	97.5
GE 200	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.8	86.4	87.8	92.9	93.2	95.0	95.2	96.6	98.4
GE 100	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.9	86.4	87.8	93.2	93.4	95.4	95.6	97.0	99.0
GE 01	57.1	67.1	71.4	74.2	79.6	80.2	83.8	85.9	86.4	87.8	93.4	93.7	95.6	95.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 4735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.8	48.1	49.2	49.7	51.3	51.3	53.5	53.5	53.5	53.5	54.2	54.2	54.7	54.7	54.7	54.7
GE 20000	43.6	49.0	50.0	50.5	52.2	52.2	54.4	54.4	54.4	54.4	55.2	55.2	55.7	55.7	55.7	55.7
GE 18000	44.1	49.5	50.7	51.2	52.9	52.9	55.1	55.1	55.1	55.1	55.9	55.9	56.4	56.4	56.4	56.4
GE 16000	44.1	49.5	50.7	51.2	52.9	52.9	55.1	55.1	55.1	55.1	55.9	55.9	56.4	56.4	56.4	56.4
GE 14000	44.4	49.8	51.0	51.5	53.2	53.2	55.4	55.4	55.4	55.4	56.2	56.2	56.7	56.7	56.7	56.7
GE 12000	44.8	50.2	51.3	51.9	53.5	53.5	55.7	55.7	55.7	55.7	56.7	56.7	57.2	57.2	57.2	57.2
GE 10000	44.8	50.2	51.3	51.9	53.5	53.5	55.7	55.7	55.7	55.7	56.7	56.7	57.2	57.2	57.2	57.2
GE 9000	46.3	51.7	52.9	53.4	55.1	55.1	57.2	57.2	57.2	57.2	58.2	58.2	58.8	58.8	58.8	58.8
GE 8000	49.2	55.1	56.2	56.7	58.4	58.4	60.6	60.6	60.6	60.6	61.6	61.6	62.1	62.1	62.1	62.1
GE 7000	50.7	56.9	58.1	58.8	60.4	60.4	62.6	62.6	62.6	62.6	63.6	63.6	64.1	64.1	64.1	64.1
GE 6000	51.3	57.7	59.1	59.9	62.1	62.1	64.3	64.3	64.3	64.3	65.3	65.3	65.8	65.8	65.8	65.8
GE 5000	51.9	58.6	59.9	60.8	63.1	63.1	65.3	65.3	65.3	65.3	66.3	66.3	66.8	66.8	66.8	66.8
GE 4500	52.5	59.8	61.4	62.3	64.6	64.6	66.8	66.8	66.8	66.8	67.8	67.8	68.4	68.4	68.4	68.4
GE 4000	53.2	60.9	62.6	63.5	65.8	65.8	68.0	68.0	68.0	68.0	69.0	69.0	69.5	69.5	69.5	69.5
GE 3500	54.5	62.5	64.1	65.0	67.5	67.5	70.0	70.0	70.0	70.0	71.2	71.2	71.7	71.7	71.7	71.7
GE 3000	54.9	62.8	64.6	65.5	68.4	68.4	70.9	70.9	70.9	70.9	72.2	72.2	72.7	72.7	72.7	72.7
GE 2500	56.7	64.6	66.5	67.3	70.2	70.2	72.7	72.7	72.7	72.7	74.1	74.1	74.6	74.6	74.6	74.6
GE 2000	57.2	65.7	67.7	68.5	72.1	72.1	74.6	74.6	74.6	74.6	75.9	75.9	76.4	76.4	76.4	76.4
GE 1800	57.6	66.0	68.0	68.9	72.4	72.4	75.1	75.1	75.1	75.1	76.4	76.4	76.9	76.9	76.9	76.9
GE 1500	57.7	66.2	68.4	69.4	72.9	72.9	75.8	75.8	75.8	75.8	77.1	77.1	77.6	77.6	77.6	77.6
GE 1200	58.2	67.0	69.2	70.5	75.1	75.1	78.5	78.5	78.6	78.6	80.6	80.6	81.3	81.3	81.5	81.5
GE 1000	58.8	67.8	70.2	71.7	76.4	76.4	79.8	79.8	80.0	80.0	82.7	82.7	83.5	83.7	83.8	84.3
GE 900	58.8	67.8	70.5	72.1	76.8	76.8	80.1	80.1	80.3	80.5	83.3	83.3	84.2	84.3	84.5	85.0
GE 800	59.3	68.7	71.9	73.4	78.1	78.1	81.5	82.0	82.2	82.7	85.5	85.5	86.4	86.7	86.9	87.7
GE 700	59.6	69.2	72.4	73.9	78.6	78.6	82.0	82.7	83.0	83.5	86.7	86.7	87.5	88.0	88.2	89.2
GE 600	59.8	69.7	72.9	74.7	80.5	80.5	84.5	85.4	86.0	86.5	90.1	90.1	90.9	91.9	92.3	93.3
GE 500	59.9	70.0	73.2	75.1	80.8	80.8	84.8	85.7	86.4	86.9	90.9	91.1	92.1	93.1	93.8	94.8
GE 400	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	92.8	92.9	93.9	94.9	95.8	97.1
GE 300	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.6	97.1	98.7
GE 200	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.6	97.1	98.7
GE 100	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.1	93.3	94.6	95.8	97.5	99.3
GE 0	59.9	70.0	73.2	75.1	80.8	80.8	85.2	86.4	87.0	87.5	93.3	93.4	94.9	96.0	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	38.2	42.4	43.9	44.4	45.1	45.1	47.5	47.6	47.6	48.0	49.0	49.0	49.3	49.3	49.5	49.5
GE 20000	39.4	43.6	45.3	46.0	46.6	46.6	49.3	49.5	49.5	49.8	50.8	50.8	51.2	51.2	51.3	51.3
GE 18000	39.4	43.6	45.3	46.0	46.6	46.6	49.5	49.7	49.7	50.0	51.0	51.0	51.3	51.3	51.5	51.5
GE 16000	39.4	43.6	45.3	46.0	46.6	46.6	49.5	49.7	49.7	50.0	51.0	51.0	51.3	51.3	51.5	51.5
GE 14000	39.6	43.8	45.5	46.1	46.8	46.8	49.7	49.8	49.8	50.2	51.2	51.2	51.5	51.5	51.7	51.7
GE 12000	40.1	44.3	46.0	46.6	47.3	47.3	50.2	50.3	50.3	50.7	51.7	51.7	52.0	52.0	52.2	52.2
GE 10000	41.9	46.1	47.8	48.5	49.2	49.2	52.0	52.2	52.2	52.5	53.7	53.7	54.0	54.0	54.2	54.2
GE 9000	43.4	47.6	49.3	50.0	50.7	50.7	53.5	53.7	53.7	54.0	55.2	55.2	55.6	55.6	55.7	55.7
GE 8000	45.6	49.8	51.5	52.2	52.9	52.9	55.7	55.9	55.9	56.2	57.4	57.4	57.7	57.7	57.9	57.9
GE 7000	46.0	50.3	52.0	52.9	53.5	53.5	56.4	56.6	56.6	57.1	58.4	58.4	58.8	58.8	58.9	58.9
GE 6000	47.0	51.7	53.4	54.2	54.9	54.9	57.7	57.9	57.9	58.4	59.8	59.8	60.1	60.1	60.3	60.3
GE 5000	48.1	53.2	54.9	55.7	56.4	56.4	59.3	59.4	59.4	59.9	61.3	61.3	61.6	61.6	61.8	61.8
GE 4500	49.0	54.2	55.9	56.7	57.4	57.4	60.3	60.4	60.4	61.1	62.5	62.5	62.8	62.8	63.0	63.0
GE 4000	49.7	54.9	56.9	57.7	58.6	58.6	61.4	61.6	61.6	62.3	63.6	63.6	64.0	64.0	64.1	64.1
GE 3500	51.5	57.1	59.1	59.9	60.8	60.8	64.0	64.1	64.1	65.0	66.5	66.5	66.8	66.8	67.0	67.0
GE 3000	52.5	58.1	60.1	60.9	61.8	61.8	65.0	65.2	65.2	66.0	67.5	67.5	67.8	67.8	68.0	68.0
GE 2500	54.4	60.8	62.8	63.6	64.5	64.5	67.7	67.8	67.8	68.7	70.2	70.2	70.5	70.5	70.7	70.7
GE 2000	55.9	62.6	64.6	65.7	67.0	67.0	70.2	70.4	70.4	71.2	72.7	72.7	73.1	73.1	73.2	73.2
GE 1800	55.9	62.6	64.6	66.0	67.3	67.3	70.5	70.7	70.7	71.5	73.1	73.1	73.4	73.4	73.6	73.6
GE 1500	55.9	62.8	64.8	66.2	68.4	68.4	71.7	72.1	72.1	73.1	74.6	74.6	74.9	74.9	75.1	75.1
GE 1200	56.2	64.0	66.5	68.0	70.4	70.4	73.7	74.1	74.2	75.3	77.3	77.3	78.1	78.1	78.3	78.5
GE 1000	56.6	65.2	68.4	69.9	72.4	72.4	75.9	76.3	76.6	77.8	79.8	80.0	81.0	81.0	81.3	81.5
GE 900	56.7	65.3	68.9	70.4	73.1	73.1	76.6	76.9	77.3	78.5	80.5	80.6	81.6	81.6	82.0	82.2
GE 800	57.4	66.0	69.7	71.2	74.1	74.1	77.6	77.9	78.6	79.8	81.8	82.0	83.0	83.0	83.3	83.7
GE 700	57.6	66.7	70.5	72.1	74.9	74.9	78.5	79.1	79.8	81.0	83.0	83.2	84.2	84.2	84.5	85.0
GE 600	57.7	67.0	70.9	72.6	76.1	76.1	80.0	80.6	81.3	82.8	85.9	86.0	87.5	87.5	88.0	88.6
GE 500	57.7	67.2	71.2	73.2	76.8	76.8	81.0	82.2	82.8	84.3	87.4	87.5	89.2	89.2	89.9	90.4
GE 400	57.7	67.3	71.4	73.4	76.9	77.1	81.8	83.2	84.0	85.5	89.6	89.7	91.9	92.1	93.4	94.1
GE 300	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	85.9	90.4	90.6	92.8	92.9	94.4	95.6
GE 200	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	91.4	91.6	94.1	94.3	96.0	97.1
GE 100	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	91.4	91.6	94.3	94.6	96.3	97.5
GE 0	57.9	67.5	71.5	73.6	77.1	77.3	82.0	83.3	84.2	86.0	92.4	92.9	95.8	96.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.5	39.9	40.1	40.9	43.3	43.3	44.4	45.1	45.1	45.6	48.0	48.0	48.8	48.8	48.8	48.8
GE 20000	36.7	41.2	41.6	42.4	44.8	44.8	46.0	46.6	46.6	47.1	49.5	49.5	50.3	50.3	50.3	50.3
GE 18000	38.2	42.8	43.1	43.9	46.3	46.3	47.6	48.3	48.3	48.8	51.2	51.2	52.0	52.0	52.0	52.0
GE 16000	38.6	43.1	43.4	44.3	46.6	46.6	48.0	48.7	48.7	49.2	51.5	51.5	52.4	52.4	52.4	52.4
GE 14000	39.1	43.6	43.9	44.8	47.1	47.1	48.5	49.2	49.2	49.7	52.0	52.0	52.9	52.9	52.9	52.9
GE 12000	39.4	43.9	44.3	45.1	47.5	47.5	48.8	49.5	49.5	50.0	52.4	52.4	53.2	53.2	53.2	53.2
GE 10000	41.1	45.6	46.0	46.8	49.2	49.2	50.5	51.2	51.2	51.7	54.2	54.2	55.1	55.1	55.1	55.1
GE 9000	41.4	46.0	46.3	47.1	49.5	49.5	50.8	51.5	51.5	52.0	54.5	54.5	55.4	55.4	55.4	55.4
GE 8000	42.4	47.0	47.3	48.3	50.7	50.7	52.0	52.7	52.7	53.2	55.7	55.7	56.6	56.6	56.6	56.6
GE 7000	43.4	48.0	48.3	49.3	51.7	51.7	53.4	54.4	54.4	54.9	57.6	57.6	58.4	58.4	58.4	58.4
GE 6000	44.3	49.2	49.5	50.5	52.9	53.0	54.5	55.6	55.6	56.1	58.8	58.8	59.6	59.6	59.6	59.6
GE 5000	45.3	50.2	50.5	51.5	53.9	54.0	55.6	56.6	56.6	57.1	59.8	59.8	60.6	60.6	60.6	60.6
GE 4500	46.1	51.0	51.3	52.4	54.7	54.9	56.4	57.4	57.4	57.9	60.6	60.6	61.4	61.4	61.4	61.4
GE 4000	47.5	52.5	52.9	53.9	56.2	56.4	57.9	58.9	58.9	59.4	62.1	62.1	63.0	63.0	63.0	63.0
GE 3500	50.0	55.4	55.7	56.7	59.1	59.3	60.8	61.8	61.8	62.5	65.2	65.2	66.0	66.0	66.2	66.2
GE 3000	50.5	56.1	56.4	57.4	59.8	60.1	61.6	62.8	62.8	63.5	66.2	66.2	67.0	67.0	67.2	67.2
GE 2500	51.9	57.9	58.2	59.3	61.6	62.0	63.5	64.6	64.6	65.3	68.0	68.0	68.9	68.9	69.0	69.0
GE 2000	53.4	60.4	60.8	62.0	64.5	64.8	66.3	67.5	67.5	68.2	71.5	71.5	72.4	72.4	72.9	72.9
GE 1800	53.5	60.6	60.9	62.1	64.8	65.2	67.0	68.2	68.2	68.9	72.2	72.2	73.1	73.1	73.6	73.6
GE 1500	53.7	61.3	61.6	62.8	65.5	66.0	68.0	69.2	69.2	70.2	73.7	73.7	74.6	74.6	75.1	75.1
GE 1200	53.9	62.3	63.0	64.3	67.0	67.8	70.0	71.4	71.4	72.4	76.4	76.6	77.4	77.4	77.9	77.9
GE 1000	54.4	63.3	64.1	66.0	69.2	70.2	72.6	73.9	74.1	75.3	80.0	80.1	81.1	81.1	82.0	82.0
GE 900	54.7	64.1	65.3	67.3	70.7	71.7	74.1	75.6	75.8	76.9	81.8	82.0	83.0	83.0	83.8	83.8
GE 800	55.2	64.6	65.8	67.8	71.4	72.6	74.9	76.6	76.8	77.9	83.0	83.2	84.2	84.2	85.0	85.0
GE 700	55.4	64.8	66.2	68.5	72.1	73.2	75.6	77.3	77.4	78.6	83.8	84.0	85.0	85.0	86.0	86.0
GE 600	55.6	65.0	66.5	69.0	72.7	74.1	76.9	78.8	79.0	80.6	86.7	86.9	88.2	88.2	89.2	89.2
GE 500	55.9	65.5	67.0	69.5	73.6	74.9	77.8	80.0	80.3	82.2	88.2	88.4	89.7	89.7	90.7	90.7
GE 400	56.2	66.0	67.8	70.4	74.4	75.9	79.3	82.0	82.5	84.5	91.4	91.6	92.9	92.9	93.9	93.9
GE 300	56.2	66.0	67.8	70.4	74.4	76.1	79.6	82.3	83.0	85.0	92.6	92.8	94.1	94.1	95.1	95.6
GE 200	56.2	66.0	67.8	70.4	74.4	76.1	79.8	82.5	83.2	85.2	93.3	93.4	95.5	95.5	96.5	97.1
GE 100	56.2	66.0	67.8	70.4	74.4	76.1	80.0	82.7	83.3	85.4	93.8	93.9	96.1	96.1	97.5	98.5
GE 0	56.2	66.0	67.8	70.4	74.4	76.1	80.0	82.7	83.3	85.4	93.9	94.1	96.3	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.9	39.9	40.9	41.8	43.4	43.4	45.3	45.6	46.1	46.6	47.6	47.8	49.2	49.2	49.5	49.5
GE 20000	37.7	41.8	42.9	43.8	45.6	45.6	47.5	47.8	48.3	48.8	49.8	50.0	51.3	51.3	51.7	51.7
GE 18000	39.7	43.8	44.9	45.8	47.6	47.6	49.5	49.8	50.3	50.8	51.9	52.0	53.4	53.4	53.7	53.7
GE 16000	39.7	43.9	45.1	46.0	47.8	47.8	49.7	50.0	50.5	51.0	52.0	52.2	53.5	53.5	53.9	53.9
GE 14000	39.7	43.9	45.1	46.0	47.8	47.8	49.7	50.0	50.5	51.0	52.0	52.2	53.5	53.5	53.9	53.9
GE 12000	40.9	45.1	46.3	47.1	49.0	49.0	50.8	51.2	51.7	52.2	53.2	53.4	54.7	54.7	55.1	55.1
GE 10000	41.6	45.8	47.0	47.8	49.7	49.7	51.5	51.9	52.4	52.9	54.0	54.2	55.7	55.7	56.2	56.2
GE 9000	41.9	46.1	47.3	48.1	50.0	50.0	52.0	52.4	52.9	53.4	54.5	54.7	56.2	56.2	56.7	56.7
GE 8000	43.4	48.1	49.3	50.2	52.0	52.0	54.0	54.4	54.9	55.4	56.6	56.7	58.2	58.2	58.8	58.8
GE 7000	44.6	49.8	51.0	52.0	54.0	54.0	56.1	56.4	56.9	57.4	58.6	58.8	60.4	60.4	61.3	61.3
GE 6000	44.9	50.3	51.5	52.9	54.9	54.9	56.9	57.2	57.7	58.2	59.4	59.6	61.3	61.3	62.1	62.1
GE 5000	45.6	51.0	52.2	53.5	55.6	55.6	57.6	57.9	58.4	58.9	60.1	60.3	62.0	62.0	62.8	62.8
GE 4500	46.1	51.7	52.9	54.2	56.2	56.2	58.2	58.6	59.1	59.6	60.8	60.9	62.6	62.6	63.5	63.5
GE 4000	47.0	52.9	54.0	55.4	57.4	57.4	59.6	59.9	60.4	60.9	62.3	62.5	64.1	64.1	65.0	65.0
GE 3500	48.0	54.0	55.2	56.6	58.6	58.6	60.8	61.1	61.6	62.1	63.5	63.6	65.3	65.3	66.2	66.2
GE 3000	48.8	55.7	56.9	58.4	60.4	60.4	62.6	63.0	63.5	64.0	65.3	65.5	67.2	67.2	68.0	68.0
GE 2500	49.8	57.6	58.9	60.6	62.8	62.8	65.0	65.3	65.8	66.3	67.7	67.8	69.5	69.5	70.4	70.4
GE 2000	50.8	59.8	61.1	62.8	65.2	65.2	67.5	67.8	68.4	68.9	70.2	70.4	72.1	72.1	72.9	72.9
GE 1800	51.2	60.3	61.6	63.3	65.7	65.7	68.0	68.4	68.9	69.4	70.9	71.0	72.7	72.9	73.7	73.7
GE 1500	51.3	60.4	61.8	63.5	65.8	65.8	68.2	68.5	69.0	69.5	71.5	71.7	73.6	73.7	74.6	74.6
GE 1200	52.0	61.1	62.8	65.0	67.5	68.0	70.9	71.4	72.1	72.7	75.6	75.9	77.8	77.9	78.8	78.8
GE 1000	52.4	61.8	63.5	65.8	68.4	68.9	72.2	72.7	73.4	74.1	76.9	77.3	79.6	79.8	80.6	80.6
GE 900	52.4	62.1	64.0	67.0	69.7	70.4	73.7	74.9	75.6	76.3	79.1	79.5	81.8	82.0	82.8	82.8
GE 800	52.5	62.5	64.5	67.5	70.5	71.2	74.6	75.9	76.6	77.3	80.8	81.3	83.7	83.8	84.7	84.7
GE 700	52.5	62.5	64.5	67.7	70.7	71.4	74.7	76.1	76.9	77.6	81.1	81.6	84.2	84.3	85.2	85.2
GE 600	52.9	63.1	65.5	68.9	72.4	73.2	77.3	79.1	80.3	81.1	85.2	85.7	88.2	88.4	89.2	89.2
GE 500	53.2	63.5	65.8	69.2	72.9	73.9	77.9	80.1	81.5	82.5	86.9	87.4	89.9	90.1	90.9	90.9
GE 400	53.4	63.8	66.2	69.5	73.2	74.2	78.6	81.0	82.3	83.7	88.9	89.6	92.3	92.4	93.3	93.3
GE 300	53.5	64.0	66.3	69.9	73.6	74.6	79.1	81.8	83.3	84.7	90.6	91.2	93.9	94.1	94.9	95.5
GE 200	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	91.4	92.1	94.9	95.1	96.0	96.5
GE 100	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	92.1	92.8	96.0	96.1	97.1	97.8
GE 0	53.7	64.3	66.7	70.2	73.9	75.1	79.6	82.3	83.8	85.2	92.3	92.9	96.3	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	41.3	42.8	44.2	45.7	45.7	46.9	47.7	47.7	48.1	49.1	49.2	49.9	49.9	50.4	50.9
GE 20000	36.8	42.7	44.2	45.5	47.0	47.0	48.2	49.1	49.1	49.4	50.4	50.6	51.3	51.3	51.8	52.3
GE 18000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 16000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 14000	37.3	43.5	45.2	46.5	48.1	48.1	49.2	50.1	50.1	50.4	51.4	51.6	52.3	52.3	52.8	53.3
GE 12000	37.6	43.8	45.5	46.9	48.4	48.4	49.6	50.4	50.4	50.8	51.8	51.9	52.6	52.6	53.1	53.6
GE 10000	39.0	45.4	47.0	48.4	49.9	49.9	51.1	51.9	51.9	52.3	53.3	53.5	54.1	54.1	54.6	55.3
GE 9000	39.5	45.9	47.6	48.9	50.4	50.4	51.6	52.4	52.4	52.8	53.8	54.0	54.6	54.6	55.1	55.8
GE 8000	39.8	46.2	47.9	49.2	50.9	50.9	52.1	53.0	53.0	53.3	54.3	54.5	55.1	55.1	55.6	56.3
GE 7000	40.3	46.9	48.6	50.3	51.9	52.1	53.3	54.3	54.3	54.6	55.6	55.8	56.5	56.5	57.0	57.7
GE 6000	41.3	47.9	49.6	51.3	53.3	53.5	54.6	55.6	55.6	56.0	57.0	57.2	57.8	57.8	58.3	59.0
GE 5000	42.7	49.4	51.1	52.8	54.8	55.0	56.2	57.2	57.2	57.5	58.5	58.7	59.4	59.4	59.9	60.5
GE 4500	42.8	49.7	51.4	53.1	55.1	55.3	56.5	57.5	57.5	57.8	58.9	59.0	59.7	59.7	60.2	60.9
GE 4000	43.5	50.8	52.6	54.3	56.3	56.5	57.8	58.9	58.9	59.2	60.4	60.5	61.4	61.4	61.9	62.6
GE 3500	45.7	53.0	54.8	56.5	58.9	59.0	60.4	61.4	61.4	61.7	62.9	63.1	63.9	63.9	64.4	65.1
GE 3000	46.4	55.0	56.8	59.2	61.7	61.9	63.4	64.4	64.4	64.8	65.9	66.1	66.9	66.9	67.5	68.1
GE 2500	46.9	55.8	58.0	60.5	63.2	63.6	65.1	66.1	66.1	66.4	67.6	67.8	68.6	68.6	69.1	69.8
GE 2000	47.7	57.5	59.7	62.4	65.1	65.4	67.6	68.6	68.6	69.1	70.3	70.5	71.3	71.3	71.8	72.5
GE 1800	48.4	58.5	60.9	63.7	66.4	66.8	69.1	70.2	70.2	70.7	72.0	72.2	73.0	73.0	73.5	74.2
GE 1500	48.4	58.5	61.0	64.1	66.9	67.3	69.6	70.7	70.7	71.2	72.5	72.7	73.5	73.5	74.0	74.7
GE 1200	49.9	60.9	63.9	67.5	70.3	70.7	73.5	75.0	75.0	75.7	77.6	77.7	78.6	78.6	79.1	79.8
GE 1000	50.8	61.9	64.9	68.3	71.5	71.8	74.9	76.6	76.6	77.6	79.9	80.1	80.9	80.9	81.6	82.3
GE 900	51.1	62.6	65.9	69.5	73.0	73.4	76.4	78.2	78.6	79.8	82.3	82.5	83.3	83.3	84.0	84.7
GE 800	51.4	62.9	66.4	70.2	73.7	74.0	77.2	79.3	79.6	80.8	83.5	83.6	84.8	84.8	85.5	86.2
GE 700	51.6	63.1	66.6	70.3	74.0	74.4	77.7	79.8	80.1	81.5	84.7	84.8	86.2	86.2	86.8	87.5
GE 600	52.1	63.7	67.5	71.5	76.4	76.7	80.4	83.0	83.3	85.2	88.9	89.2	90.6	90.6	91.2	92.2
GE 500	52.4	64.1	67.8	71.8	77.1	77.4	81.3	84.3	84.7	86.5	90.4	90.7	92.1	92.1	92.9	94.3
GE 400	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	86.7	91.2	91.6	93.1	93.1	93.9	95.4
GE 300	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	86.8	92.2	92.6	94.3	94.3	95.4	97.1
GE 200	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	92.6	92.9	94.8	94.8	96.0	97.6
GE 100	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	93.3	93.6	95.4	95.4	97.0	99.0
GE 0	52.6	64.2	68.0	72.0	77.2	77.6	81.5	84.5	84.8	87.0	93.3	93.6	95.4	95.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 593

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.2	47.1	53.1	54.1	56.1	56.1	56.6	57.3	57.3	57.3	58.0	58.3	58.5	58.5	58.7	59.5
GE 20000	43.0	48.0	53.9	54.9	57.0	57.0	57.5	58.2	58.2	58.2	58.9	59.2	59.4	59.4	59.5	60.4
GE 18000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 16000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 14000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 12000	43.2	48.3	54.4	55.4	58.0	58.0	58.5	59.2	59.2	59.2	59.9	60.2	60.4	60.4	60.5	61.4
GE 10000	44.2	49.7	55.8	56.8	59.4	59.4	59.9	60.5	60.5	60.5	61.2	61.6	61.7	61.7	61.9	62.8
GE 9000	44.6	50.0	56.1	57.1	59.7	59.7	60.2	60.9	60.9	60.9	61.6	61.9	62.1	62.1	62.2	63.1
GE 8000	44.7	50.2	56.3	57.3	60.0	60.0	60.5	61.2	61.2	61.2	61.9	62.2	62.4	62.4	62.6	63.4
GE 7000	45.9	51.4	57.5	58.5	61.2	61.2	61.7	62.4	62.4	62.4	63.1	63.4	63.6	63.6	63.8	64.6
GE 6000	46.3	51.7	57.8	58.8	61.6	61.6	62.1	62.8	62.8	62.8	63.4	63.8	63.9	63.9	64.1	65.0
GE 5000	47.4	52.9	59.0	60.5	63.3	63.3	63.8	64.5	64.5	64.5	65.1	65.5	65.6	65.6	65.8	66.7
GE 4500	48.1	53.6	60.0	61.6	64.3	64.3	64.8	65.5	65.5	65.5	66.2	66.5	66.7	66.7	66.8	67.7
GE 4000	49.1	55.3	61.7	63.3	66.0	66.0	66.5	67.2	67.2	67.2	67.3	68.0	68.4	68.5	68.7	69.6
GE 3500	51.2	58.2	64.6	66.2	69.6	69.6	70.1	70.7	70.7	70.9	71.6	71.9	72.1	72.1	72.3	73.1
GE 3000	51.9	59.0	65.5	67.2	70.9	70.9	71.4	72.1	72.1	72.3	73.0	73.3	73.5	73.5	73.6	74.5
GE 2500	52.2	59.5	66.5	68.4	72.1	72.1	72.6	73.3	73.3	73.5	74.1	74.5	74.8	74.8	75.0	75.9
GE 2000	52.2	60.0	67.0	69.0	73.1	73.3	74.0	74.7	74.7	75.3	76.2	76.5	76.9	76.9	77.0	77.9
GE 1800	53.6	61.4	68.4	70.4	75.3	75.5	76.5	77.2	77.2	77.9	78.7	79.1	79.4	79.4	79.6	80.4
GE 1500	54.3	62.2	69.4	71.4	76.7	76.9	77.9	78.6	78.6	79.3	80.1	80.4	80.8	80.8	81.0	81.8
GE 1200	55.1	63.6	70.9	73.1	78.7	78.9	80.3	81.0	81.0	81.6	83.0	83.3	83.7	83.7	83.8	84.7
GE 1000	55.4	64.1	71.6	74.0	79.6	79.8	81.1	81.8	81.8	82.7	84.0	84.4	84.7	84.7	84.9	85.9
GE 900	55.6	64.5	72.1	74.7	80.3	80.4	82.0	82.7	82.7	83.7	85.2	85.5	85.9	85.9	86.1	87.4
GE 800	55.8	65.3	73.3	76.0	81.6	81.8	83.3	84.5	84.5	85.5	87.4	87.8	88.1	88.1	88.3	89.8
GE 700	55.8	65.5	73.5	76.2	82.0	82.1	83.8	85.0	85.0	86.1	88.3	88.6	88.9	88.9	89.1	90.6
GE 600	56.1	65.8	74.1	77.0	83.7	83.8	85.5	87.4	87.4	88.8	91.2	91.5	92.0	92.0	92.2	93.7
GE 500	56.5	66.2	74.5	77.4	84.0	84.2	86.1	87.9	87.9	89.6	92.2	92.5	93.5	93.5	94.0	96.6
GE 400	56.5	66.2	74.5	77.4	84.0	84.4	86.2	88.1	88.1	89.8	92.3	92.7	93.7	93.7	94.9	98.0
GE 300	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.0	92.5	92.9	93.9	94.0	95.4	98.6
GE 200	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	99.8
GE 100	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	100.0
GE 0	56.5	66.2	74.5	77.4	84.0	84.4	86.4	88.3	88.3	90.1	92.9	93.2	94.2	94.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: FEB HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.7	48.1	51.9	52.7	54.8	55.1	55.6	56.1	56.1	56.1	57.0	57.0	57.5	57.5	57.7	58.5
GE 20000	43.5	49.1	52.9	53.7	55.8	56.1	56.6	57.1	57.1	57.1	58.0	58.0	58.5	58.5	58.7	59.5
GE 18000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 16000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 14000	43.7	49.7	53.4	54.3	56.8	57.1	57.7	58.2	58.2	58.2	59.0	59.0	59.5	59.5	59.7	60.5
GE 12000	44.0	50.0	53.7	54.6	57.1	57.5	58.0	58.5	58.5	58.5	59.4	59.4	59.9	59.9	60.0	60.9
GE 10000	44.2	50.2	53.9	54.8	57.3	57.7	58.2	58.7	58.7	58.7	59.5	59.5	60.0	60.0	60.2	61.1
GE 9000	44.6	50.5	54.3	55.1	57.7	58.0	58.5	59.0	59.0	59.0	59.9	59.9	60.4	60.4	60.5	61.4
GE 8000	45.2	51.2	54.9	55.8	58.5	58.8	59.4	59.9	59.9	59.9	60.7	60.7	61.2	61.2	61.4	62.2
GE 7000	46.4	52.9	56.6	57.5	60.7	61.1	61.6	62.1	62.1	62.1	62.9	62.9	63.4	63.4	63.6	64.5
GE 6000	46.6	53.1	56.8	57.7	60.9	61.2	61.7	62.2	62.2	62.2	63.1	63.1	63.6	63.6	63.8	64.6
GE 5000	47.8	54.3	58.0	59.7	62.9	63.3	63.8	64.3	64.3	64.3	65.1	65.1	65.6	65.6	65.8	66.7
GE 4500	49.5	56.0	59.7	61.4	64.6	65.0	65.5	66.0	66.0	66.0	66.8	66.8	67.3	67.3	67.5	68.4
GE 4000	51.2	58.8	63.3	65.0	68.2	68.5	69.0	69.6	69.6	69.6	70.4	70.4	70.9	70.9	71.1	71.9
GE 3500	51.9	60.5	65.0	66.7	69.9	70.2	70.7	71.3	71.3	71.3	72.1	72.1	72.6	72.6	72.8	73.6
GE 3000	52.6	61.2	65.6	67.3	70.7	71.1	71.6	72.1	72.1	72.1	73.1	73.1	73.6	73.6	73.8	74.7
GE 2500	53.2	62.4	67.2	68.9	72.3	72.6	73.1	73.6	73.6	73.6	74.7	74.7	75.2	75.2	75.3	76.2
GE 2000	54.1	63.3	68.0	69.7	73.3	73.6	74.1	74.7	74.7	74.7	75.2	75.2	75.7	75.7	75.9	76.7
GE 1800	54.4	63.6	68.4	70.1	73.8	74.1	74.8	75.3	75.3	75.3	75.9	75.9	76.4	76.4	76.6	77.4
GE 1500	55.3	64.5	69.4	71.1	75.0	75.3	76.4	76.9	76.9	76.9	77.4	77.4	77.9	77.9	78.1	78.9
GE 1200	56.5	66.0	71.9	74.0	78.6	78.9	79.9	80.4	80.4	80.4	81.0	81.0	81.5	81.5	81.7	82.5
GE 1000	57.3	67.0	73.0	75.0	80.1	80.4	81.5	82.0	82.0	82.0	82.5	82.5	83.0	83.0	83.2	83.9
GE 900	57.7	67.7	73.8	75.9	81.0	81.3	82.3	83.0	83.0	83.0	83.5	83.5	84.0	84.0	84.2	84.9
GE 800	57.7	67.9	74.5	76.7	82.3	82.7	83.8	84.5	84.5	84.5	85.0	85.0	85.5	85.5	85.7	86.4
GE 700	58.0	68.2	75.2	77.6	83.2	83.5	84.9	86.6	86.6	86.6	87.1	87.1	87.6	87.6	87.8	88.5
GE 600	58.3	68.5	75.7	78.2	85.5	85.9	87.2	89.8	89.8	89.8	90.5	90.5	91.0	91.0	91.2	91.9
GE 500	58.8	69.0	76.2	78.7	86.1	86.4	87.8	90.3	90.3	90.3	91.5	91.5	92.0	92.0	92.2	92.9
GE 400	59.0	69.2	76.4	78.9	86.2	86.6	87.9	90.5	90.5	90.5	91.7	91.7	92.2	92.2	92.4	93.1
GE 300	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 200	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 100	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3
GE 0	59.2	69.4	76.5	79.1	86.4	86.7	88.1	90.6	90.6	90.6	91.8	91.8	92.4	92.4	92.6	93.3

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 1800-20

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	29.6	32.6	33.0	33.8	34.7	34.9	35.2	35.2	35.2	35.2	35.8	35.8	36.4	36.4	36.4	
GE 20000	32.7	35.9	36.6	37.3	38.6	38.7	39.3	39.3	39.3	39.6	40.2	40.2	40.9	40.9	40.9	
GE 18000	34.4	38.1	38.7	39.5	40.7	40.9	41.5	41.5	41.5	41.8	42.4	42.4	43.0	43.0	43.0	
GE 16000	34.6	38.2	38.9	39.6	40.9	41.0	41.6	41.6	41.6	41.9	42.9	42.9	43.5	43.6	43.6	
GE 14000	34.6	38.2	38.9	39.6	40.9	41.0	41.6	41.6	41.6	41.9	42.9	42.9	43.5	43.6	43.6	
GE 12000	35.2	38.9	39.5	40.2	41.5	41.6	42.2	42.2	42.2	42.5	43.5	43.5	44.1	44.2	44.2	
GE 10000	35.6	39.5	40.1	40.9	42.1	42.2	42.9	42.9	42.9	43.2	44.1	44.1	44.7	44.9	44.9	
GE 9000	36.7	40.9	41.5	42.2	43.6	43.8	44.5	44.5	44.5	44.9	45.8	45.8	46.4	46.5	46.5	
GE 8000	40.1	44.4	45.2	46.2	48.1	48.2	49.0	49.0	49.0	49.3	50.2	50.2	50.8	51.0	51.0	
GE 7000	42.5	47.2	47.9	49.0	50.8	51.0	51.8	51.8	51.8	52.1	53.1	53.1	53.8	53.9	53.9	
GE 6000	43.8	48.4	49.5	50.5	52.5	52.7	53.5	53.5	53.5	53.8	54.8	54.8	55.5	55.6	55.6	
GE 5000	44.5	49.2	50.2	51.3	53.6	53.8	54.8	54.8	54.8	55.1	56.2	56.2	56.8	57.0	57.0	
GE 4500	45.5	50.4	51.5	52.5	54.8	55.0	56.1	56.1	56.1	56.4	57.5	57.5	58.1	58.4	58.4	
GE 4000	47.0	52.5	53.6	54.7	57.3	57.5	58.8	59.0	59.0	59.3	60.5	60.5	61.4	61.8	61.8	
GE 3500	49.3	56.2	57.3	58.4	61.1	61.3	63.0	63.1	63.1	63.4	64.8	64.8	65.7	66.1	66.1	
GE 3000	51.0	58.5	59.6	60.7	63.6	63.7	65.4	65.9	65.9	66.7	68.0	68.0	69.0	69.3	69.3	
GE 2500	51.9	59.4	60.8	61.9	64.8	65.0	66.7	67.3	67.3	68.0	69.4	69.4	70.7	71.0	71.0	
GE 2000	52.1	59.9	61.3	62.4	65.4	65.6	67.4	68.0	68.0	68.8	70.2	70.2	71.4	71.7	71.7	
GE 1800	52.2	60.1	61.4	62.5	65.6	65.7	67.6	68.4	68.4	69.1	70.5	70.5	71.7	72.0	72.0	
GE 1500	53.1	61.8	63.1	64.2	67.4	67.6	69.6	70.4	70.8	72.0	73.4	73.4	74.7	75.0	75.0	
GE 1200	53.1	62.2	63.7	65.0	68.2	68.4	70.5	71.7	72.4	73.7	75.6	75.6	76.8	77.3	77.3	
GE 1000	53.1	62.8	64.4	66.1	69.4	69.7	72.5	73.7	74.3	75.7	77.6	77.6	78.8	79.3	79.3	
GE 900	53.3	63.3	64.8	66.5	69.9	70.2	73.0	74.2	74.8	76.2	78.0	78.0	79.3	79.7	79.7	
GE 800	53.3	63.6	65.1	66.8	70.2	70.5	73.4	74.7	75.3	76.7	78.6	78.6	79.9	80.3	80.3	
GE 700	53.8	64.5	66.1	68.0	71.4	72.0	75.0	76.2	76.8	78.2	80.5	80.5	82.0	82.5	82.5	
GE 600	54.2	65.4	67.0	69.1	73.1	73.9	76.8	78.3	79.0	80.3	82.9	82.9	84.8	85.3	85.3	
GE 500	54.2	65.4	67.3	69.6	73.9	74.7	77.7	79.4	80.2	82.0	85.3	85.3	87.6	88.0	88.2	
GE 400	54.4	66.8	68.7	71.1	75.4	76.2	79.6	81.7	82.5	84.6	88.6	88.6	91.1	91.6	91.9	
GE 300	54.4	67.3	69.1	71.6	76.0	77.0	80.3	82.6	83.4	85.6	89.7	89.7	92.2	92.6	92.9	
GE 200	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.2	91.2	93.7	94.2	94.8	
GE 100	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.4	91.4	94.0	94.6	95.2	
GE 0	54.4	67.3	69.1	71.6	76.0	77.0	80.5	83.1	83.9	86.3	91.6	91.6	94.2	94.8	95.5	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	
NO CEIL	29.2	32.9	33.8	33.9	34.9	34.9	35.0	35.0	35.0	35.0	36.9	36.9	37.5	37.5	37.5	
GE 20000	30.4	34.3	35.3	35.5	36.4	36.4	36.9	36.9	36.9	36.9	38.7	38.7	39.3	39.3	39.3	
GE 18000	32.3	36.3	37.3	37.5	38.4	38.4	38.9	38.9	38.9	38.9	40.7	40.7	41.3	41.3	41.3	
GE 16000	32.7	36.7	37.8	37.9	38.9	38.9	39.3	39.3	39.3	39.3	41.2	41.2	41.8	41.8	41.8	
GE 14000	32.7	36.7	37.8	37.9	38.9	38.9	39.3	39.3	39.3	39.3	41.2	41.2	41.8	41.8	41.8	
GE 12000	33.3	37.3	38.4	38.6	39.5	39.5	40.1	40.1	40.1	40.1	41.9	41.9	42.5	42.5	42.5	
GE 10000	34.4	38.6	39.6	39.8	40.9	40.9	41.5	41.5	41.5	41.5	43.3	43.3	43.9	43.9	43.9	
GE 9000	35.3	39.6	40.7	40.9	41.9	41.9	42.5	42.5	42.5	42.5	44.4	44.4	45.0	45.0	45.0	
GE 8000	39.9	44.4	45.8	45.9	47.3	47.3	47.9	47.9	47.9	47.9	49.8	49.8	50.4	50.4	50.4	
GE 7000	43.2	47.8	49.2	49.3	51.2	51.2	51.8	51.8	51.8	51.8	53.6	53.6	54.2	54.2	54.2	
GE 6000	45.2	49.8	51.3	51.5	53.3	53.3	53.9	53.9	53.9	53.9	55.8	55.8	56.4	56.4	56.4	
GE 5000	45.8	50.4	51.9	52.1	54.1	54.1	54.7	54.7	54.7	54.7	56.7	56.7	57.3	57.3	57.3	
GE 4500	45.8	50.5	52.2	52.5	54.5	54.5	55.1	55.1	55.1	55.1	57.1	57.1	57.8	57.8	57.8	
GE 4000	47.2	52.4	54.8	55.3	57.3	57.3	57.9	57.9	58.1	58.1	60.1	60.1	60.7	60.7	60.7	
GE 3500	49.8	55.8	58.2	58.7	61.3	61.4	62.1	62.1	62.2	62.2	64.2	64.2	64.8	64.8	64.8	
GE 3000	51.5	57.8	60.2	61.0	63.6	63.7	64.4	64.4	64.5	65.0	67.0	67.0	67.6	67.6	67.6	
GE 2500	52.2	58.5	61.1	61.9	64.5	64.7	65.4	65.4	65.6	66.1	68.0	68.0	69.0	69.0	69.0	
GE 2000	53.8	60.4	63.1	63.9	66.5	66.7	67.4	67.7	67.9	68.4	70.4	70.4	71.3	71.3	71.3	
GE 1800	53.8	60.4	63.1	63.9	66.5	66.7	67.6	67.9	68.0	68.7	70.7	70.7	71.6	71.6	71.6	
GE 1500	54.2	60.8	63.6	64.4	67.0	67.1	68.0	68.4	69.0	69.6	71.6	71.6	72.5	72.5	72.5	
GE 1200	55.0	62.4	65.3	66.2	69.0	69.1	70.7	71.0	71.6	72.5	75.4	75.6	76.5	76.7	76.7	
GE 1000	55.3	63.3	66.2	67.4	70.2	70.4	71.9	72.2	72.8	73.9	76.8	77.0	77.9	78.0	78.0	
GE 900	55.3	63.4	66.4	67.6	70.4	70.5	72.0	72.4	73.0	74.0	77.3	77.6	78.5	78.6	78.6	
GE 800	55.5	64.2	67.1	68.4	71.4	71.6	73.1	73.4	74.0	75.1	78.5	78.8	79.7	79.9	79.9	
GE 700	55.8	64.5	67.4	68.7	72.2	72.4	73.9	74.2	74.8	75.9	79.3	79.7	80.6	80.8	81.3	
GE 600	56.7	65.6	68.7	69.9	73.4	73.6	75.6	76.3	77.1	78.2	81.7	82.2	83.1	83.3	83.7	
GE 500	56.7	65.6	68.7	69.9	73.4	73.7	75.9	76.7	77.4	79.0	83.4	83.9	85.7	85.9	86.5	
GE 400	56.8	66.5	69.6	71.1	75.3	75.6	77.7	79.1	79.9	81.4	86.8	87.3	89.4	89.7	90.5	
GE 300	56.8	66.5	69.7	71.3	76.0	76.7	78.8	80.3	81.1	82.8	88.6	89.1	91.6	92.0	92.9	
GE 200	56.8	66.5	69.7	71.3	76.2	76.8	79.0	80.8	81.6	83.3	89.4	89.9	92.8	93.2	94.3	
GE 100	56.8	66.5	69.7	71.3	76.2	76.8	79.0	81.0	81.7	83.4	89.9	90.3	93.2	93.9	94.9	
GE 0	56.8	66.5	69.7	71.3	76.2	76.8	79.0	81.0	81.7	83.4	90.2	90.6	93.9	94.5	95.5	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	32.7	35.6	36.4	36.7	37.6	37.8	38.2	38.5	38.5	38.6	39.6	39.7	40.0	40.0	40.2	40.1
GE 20000	34.4	37.5	38.4	38.7	39.6	39.8	40.3	40.6	40.6	40.7	41.8	41.8	42.1	42.2	42.4	42.1
GE 18000	35.6	39.0	39.9	40.2	41.2	41.4	41.8	42.3	42.3	42.4	43.5	43.5	43.8	43.9	44.1	44.1
GE 16000	35.9	39.3	40.1	40.5	41.4	41.6	42.1	42.5	42.5	42.6	43.8	43.8	44.1	44.2	44.4	44.4
GE 14000	35.9	39.3	40.2	40.6	41.5	41.7	42.1	42.6	42.6	42.7	43.8	43.9	44.2	44.2	44.5	45.1
GE 12000	36.2	39.6	40.5	40.9	41.8	42.0	42.5	42.9	43.0	43.1	44.2	44.2	44.5	44.6	44.8	45.1
GE 10000	36.8	40.2	41.1	41.5	42.4	42.6	43.1	43.5	43.6	43.7	44.9	44.9	45.2	45.3	45.5	46.1
GE 9000	37.5	41.0	41.9	42.2	43.2	43.4	43.9	44.4	44.4	44.5	45.7	45.7	46.0	46.1	46.3	46.1
GE 8000	40.3	44.1	45.1	45.6	46.7	46.9	47.4	47.9	47.9	48.1	49.2	49.2	49.5	49.6	49.8	50.1
GE 7000	43.0	47.1	48.2	48.7	49.9	50.1	50.7	51.1	51.1	51.3	52.5	52.5	52.9	52.9	53.1	53.1
GE 6000	44.1	48.3	49.5	50.1	51.4	51.6	52.2	52.6	52.6	52.8	54.0	54.0	54.4	54.4	54.6	55.1
GE 5000	45.1	49.3	50.6	51.2	52.6	52.8	53.4	53.9	53.9	54.1	55.4	55.4	55.8	55.9	56.1	56.1
GE 4500	45.7	50.1	51.3	52.0	53.5	53.7	54.4	54.8	54.9	55.1	56.3	56.4	56.7	56.8	57.1	57.1
GE 4000	47.1	51.8	53.2	54.2	55.8	56.0	56.8	57.3	57.4	57.8	59.1	59.2	59.6	59.7	60.0	60.1
GE 3500	49.3	54.6	56.2	57.3	59.3	59.5	60.5	61.1	61.2	61.6	63.1	63.2	63.6	63.7	64.0	64.1
GE 3000	50.7	56.4	58.2	59.5	61.6	61.9	62.9	63.5	63.6	64.1	65.6	65.7	66.2	66.3	66.6	67.1
GE 2500	52.0	58.0	59.9	61.3	63.7	63.9	65.0	65.6	65.6	66.2	67.7	67.8	68.4	68.5	68.8	69.1
GE 2000	53.2	59.5	61.6	63.1	65.6	65.9	67.1	67.8	67.8	68.4	70.1	70.1	70.8	70.9	71.2	71.1
GE 1800	53.5	59.8	62.0	63.5	66.1	66.4	67.6	68.3	68.4	69.0	70.6	70.7	71.4	71.5	71.8	72.1
GE 1500	54.0	60.7	63.0	64.6	67.3	67.7	69.0	69.7	70.0	70.6	72.4	72.4	73.1	73.2	73.6	74.1
GE 1200	54.7	62.6	65.3	67.1	70.2	70.7	72.3	73.2	73.5	74.2	76.3	76.4	77.2	77.3	77.6	78.1
GE 1000	55.0	63.4	66.1	68.1	71.6	72.1	73.9	74.9	75.2	76.1	78.3	78.4	79.1	79.3	79.6	80.1
GE 900	55.2	63.8	66.7	68.7	72.2	72.8	74.6	75.6	75.9	76.8	79.3	79.4	80.2	80.3	80.7	81.1
GE 800	55.2	64.2	67.1	69.3	72.9	73.4	75.4	76.6	76.9	78.0	80.5	80.6	81.5	81.6	82.0	82.1
GE 700	55.4	64.5	67.5	69.7	73.5	74.1	76.1	77.3	77.6	78.8	81.6	81.7	82.6	82.8	83.2	84.1
GE 600	55.8	65.1	68.3	70.6	74.8	75.4	77.9	79.3	79.7	81.0	84.4	84.5	85.5	85.7	86.2	87.1
GE 500	55.9	65.4	68.6	70.9	75.4	76.0	78.7	80.2	80.7	82.3	86.3	86.5	87.9	88.1	88.7	89.1
GE 400	56.2	66.3	69.7	72.2	76.9	77.5	80.4	82.3	82.7	84.5	89.3	89.5	91.3	91.5	92.4	93.1
GE 300	56.3	66.5	70.0	72.5	77.4	78.1	81.0	83.0	83.4	85.3	90.7	90.9	92.9	93.1	94.1	95.1
GE 200	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.8	91.4	91.7	93.8	94.1	95.3	97.1
GE 100	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.9	91.6	91.9	94.1	94.4	95.9	98.1
GE 01	56.3	66.6	70.0	72.6	77.6	78.2	81.3	83.4	83.9	85.9	91.7	92.0	94.4	94.8	96.3	100.1

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS (LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	31.3	33.5	33.8	33.8	33.8	33.8	33.8	34.1	34.1	34.1	34.8	34.8	34.8	34.8	34.8	34.8	
GE 20000	31.9	34.3	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.7	35.7	35.7	35.7	35.7	35.7	
GE 18000	31.9	34.6	35.1	35.1	35.1	35.1	35.1	35.4	35.4	35.4	36.0	36.0	36.0	36.0	36.0	36.0	
GE 16000	32.5	35.2	35.7	35.7	35.7	35.7	35.7	36.0	36.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7	
GE 14000	32.7	35.4	35.9	35.9	35.9	35.9	35.9	36.2	36.2	36.2	36.8	36.8	36.8	36.8	36.8	36.8	
GE 12000	32.7	35.4	35.9	35.9	35.9	35.9	35.9	36.2	36.2	36.2	36.8	36.8	36.8	36.8	36.8	36.8	
GE 10000	33.8	36.5	37.0	37.0	37.0	37.0	37.0	37.3	37.3	37.3	37.9	37.9	37.9	37.9	37.9	37.9	
GE 9000	34.3	37.3	37.8	37.8	37.8	37.8	37.8	38.1	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	
GE 8000	36.8	40.2	40.8	40.8	40.8	40.8	40.8	41.1	41.1	41.1	41.7	41.7	41.7	41.7	41.7	41.7	
GE 7000	38.3	42.1	42.7	42.7	42.7	42.7	42.7	43.0	43.0	43.0	43.7	43.7	43.7	43.7	43.7	43.7	
GE 6000	38.9	42.9	43.5	43.5	43.5	43.5	43.5	43.8	43.8	43.8	44.4	44.4	44.4	44.4	44.4	44.4	
GE 5000	40.0	44.0	44.6	44.6	44.6	44.6	44.6	44.9	44.9	44.9	45.6	45.6	45.6	45.6	45.6	45.6	
GE 4500	40.8	44.9	45.6	45.6	45.6	45.6	45.6	45.9	45.9	45.9	46.5	46.5	46.5	46.5	46.5	46.5	
GE 4000	43.0	47.1	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.1	48.7	48.7	48.7	48.7	48.7	48.7	
GE 3500	46.2	50.6	51.4	51.4	51.4	51.4	51.4	51.7	51.7	51.7	52.4	52.4	52.4	52.4	52.4	52.4	
GE 3000	46.8	51.7	52.5	52.5	52.5	52.5	52.5	52.9	52.9	52.9	53.5	53.5	53.5	53.5	53.5	53.5	
GE 2500	47.8	52.9	53.8	54.0	54.0	54.0	54.0	54.3	54.3	54.3	54.9	54.9	54.9	54.9	54.9	54.9	
GE 2000	48.1	54.0	55.1	55.2	55.4	55.4	55.6	55.9	55.9	56.0	56.7	56.7	56.7	56.7	56.7	56.7	
GE 1800	48.4	54.6	55.7	55.9	56.0	56.0	56.2	56.5	56.5	56.7	57.3	57.3	57.3	57.3	57.3	57.3	
GE 1500	48.4	55.2	57.1	57.5	57.6	57.6	57.9	58.3	58.3	58.4	59.0	59.0	59.0	59.0	59.0	59.0	
GE 1200	51.1	59.4	61.7	62.1	62.2	62.2	62.5	62.9	63.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0	
GE 1000	52.1	60.8	63.8	64.3	65.1	65.1	65.4	65.7	65.9	66.2	67.1	67.1	67.3	67.3	67.3	67.3	
GE 900	52.1	60.8	63.8	64.4	65.6	65.6	65.9	66.3	66.5	66.8	67.8	67.8	67.9	67.9	67.9	67.9	
GE 800	52.7	61.9	65.9	66.5	67.8	67.8	68.3	68.7	68.9	69.5	70.8	70.8	71.1	71.1	71.1	71.1	
GE 700	53.0	62.7	67.0	68.1	70.2	70.2	70.8	71.4	71.6	72.9	74.3	74.3	74.6	74.6	74.6	74.6	
GE 600	53.7	63.8	68.4	70.2	72.4	72.4	73.0	73.7	73.8	75.9	77.3	77.3	77.8	77.8	77.8	77.8	
GE 500	54.3	64.9	69.8	72.1	75.7	76.0	77.3	77.9	78.6	81.4	84.1	84.1	84.6	84.6	84.6	84.6	
GE 400	55.1	66.2	71.4	73.7	78.1	78.6	80.0	80.6	81.3	84.1	88.3	88.4	89.7	89.7	90.0	90.0	
GE 300	55.2	66.8	72.2	74.4	79.2	79.7	81.1	81.7	82.4	85.4	90.8	91.0	93.0	93.0	93.3	93.3	
GE 200	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.2	92.7	95.9	96.0	96.5	96.5	
GE 100	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.7	93.2	96.5	96.7	98.1	98.4	
GE 0	55.2	66.8	72.2	74.4	79.2	80.2	81.6	82.2	82.9	85.9	92.7	93.2	97.1	97.3	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.6	35.1	35.9	35.9	36.2	36.2	36.2	36.5	36.5	36.5	37.0	37.1	37.5	37.5	37.5	37.5
GE 20000	32.5	36.0	36.8	36.8	37.1	37.1	37.1	37.5	37.5	37.5	37.9	38.1	38.4	38.4	38.4	38.4
GE 18000	32.9	36.3	37.3	37.3	37.8	37.8	37.8	38.1	38.1	38.1	38.6	38.7	39.0	39.0	39.0	39.0
GE 16000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 14000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 12000	33.2	37.0	37.9	37.9	38.4	38.4	38.4	38.7	38.7	38.7	39.2	39.4	39.7	39.7	39.7	39.7
GE 10000	33.8	37.8	38.7	38.7	39.2	39.2	39.2	39.5	39.5	39.5	40.0	40.2	40.5	40.5	40.5	40.5
GE 9000	34.0	37.9	38.9	38.9	39.4	39.4	39.4	39.7	39.7	39.7	40.2	40.3	40.6	40.6	40.6	40.6
GE 8000	36.3	40.8	41.7	41.7	42.2	42.2	42.2	42.5	42.5	42.5	43.0	43.2	43.5	43.5	43.5	43.5
GE 7000	37.8	42.5	43.7	43.8	44.3	44.3	44.3	44.6	44.6	44.6	45.1	45.2	45.6	45.6	45.6	45.6
GE 6000	38.3	43.0	44.1	44.3	44.8	44.8	44.8	45.1	45.1	45.1	45.6	45.7	46.0	46.0	46.0	46.0
GE 5000	40.2	44.9	46.0	46.2	46.7	46.7	46.7	47.0	47.0	47.0	47.5	47.6	47.9	47.9	47.9	47.9
GE 4500	41.0	45.9	47.0	47.1	47.6	47.6	47.6	47.9	47.9	47.9	48.4	48.6	48.9	48.9	48.9	48.9
GE 4000	42.4	47.3	48.4	48.6	49.0	49.0	49.0	49.4	49.4	49.4	49.8	50.0	50.3	50.3	50.3	50.3
GE 3500	45.4	50.5	52.4	52.7	53.2	53.2	53.2	53.5	53.5	53.5	54.0	54.1	54.4	54.4	54.4	54.4
GE 3000	47.8	53.0	55.4	55.7	56.3	56.3	56.3	56.7	56.7	56.7	57.1	57.3	57.6	57.6	57.6	57.6
GE 2500	47.9	53.2	55.7	56.2	56.8	56.8	56.8	57.1	57.1	57.1	57.6	57.8	58.1	58.1	58.1	58.1
GE 2000	48.7	55.1	57.6	58.1	59.7	59.7	59.7	60.0	60.0	60.0	60.5	60.6	61.0	61.0	61.0	61.0
GE 1800	49.2	55.9	58.4	58.9	60.5	60.5	60.5	60.8	60.8	60.8	61.3	61.4	61.7	61.7	61.7	61.7
GE 1500	49.5	56.8	60.6	61.6	63.2	63.2	63.2	63.5	63.5	63.5	64.0	64.1	64.4	64.4	64.4	64.4
GE 1200	52.9	61.4	66.0	67.0	68.9	68.9	69.5	69.8	69.8	70.2	70.6	70.8	71.1	71.1	71.1	71.1
GE 1000	53.3	61.9	66.8	67.9	70.8	70.8	71.4	71.7	71.7	72.1	73.0	73.2	73.5	73.5	73.5	73.5
GE 900	53.3	62.1	67.0	68.6	71.4	71.4	72.2	72.5	72.5	72.9	74.0	74.1	74.4	74.4	74.4	74.4
GE 800	54.1	63.3	69.7	71.4	74.8	74.8	75.6	75.9	75.9	76.3	77.5	77.6	78.1	78.1	78.1	78.1
GE 700	54.6	63.8	70.3	72.4	76.5	76.5	77.6	77.9	77.9	78.6	80.5	80.6	81.4	81.4	81.4	81.4
GE 600	54.9	64.6	71.1	73.3	77.6	77.6	78.9	79.2	79.2	80.2	82.1	82.2	83.0	83.0	83.0	83.0
GE 500	55.9	65.7	72.5	75.6	81.3	81.4	83.0	83.5	83.8	85.1	87.5	87.6	88.4	88.4	88.4	88.4
GE 400	56.5	66.5	73.7	76.8	83.2	83.3	84.9	85.7	86.0	87.3	90.6	90.8	92.1	92.1	92.2	92.2
GE 300	56.5	66.5	73.8	77.3	83.7	83.8	85.4	86.3	86.7	87.9	91.4	91.6	94.4	94.4	94.8	94.9
GE 200	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	91.7	92.2	95.9	95.9	96.3	96.7
GE 100	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	92.4	92.9	97.6	97.6	98.9	99.2
GE 0	56.5	66.5	73.8	77.3	83.8	84.1	85.7	86.7	87.0	88.3	92.4	92.9	98.3	98.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.3	29.8	30.5	30.6	31.1	31.1	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.7	31.7	31.9	31.9
GE 20000	28.1	30.6	31.3	31.6	32.2	32.2	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.9	32.9	33.0	33.0
GE 18000	29.0	31.6	32.2	32.5	33.2	33.2	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.8	33.8	34.0	34.0
GE 16000	29.0	31.6	32.4	32.7	33.3	33.3	33.5	33.5	33.5	33.5	33.7	33.7	33.7	34.0	34.0	34.1	34.1
GE 14000	29.4	31.9	32.7	33.0	33.7	33.7	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.3	34.3	34.4	34.4
GE 12000	29.5	32.1	32.9	33.2	33.8	33.8	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.4	34.4	34.6	34.6
GE 10000	31.0	33.5	34.3	34.6	35.2	35.2	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.9	35.9	36.0	36.0
GE 9000	31.0	33.5	34.3	34.6	35.4	35.4	35.6	35.6	35.6	35.6	35.7	35.7	35.7	36.0	36.0	36.2	36.2
GE 8000	34.1	36.7	37.6	37.9	38.7	38.7	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.4	39.4	39.5	39.5
GE 7000	36.3	38.9	39.8	40.2	41.0	41.0	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.6	41.6	41.7	41.7
GE 6000	36.3	39.0	40.0	40.3	41.1	41.1	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.7	41.7	41.9	41.9
GE 5000	37.5	40.5	41.6	41.9	42.9	42.9	43.0	43.0	43.0	43.0	43.5	43.5	43.5	43.8	43.8	44.0	44.0
GE 4500	38.4	41.4	42.5	42.9	43.8	43.8	44.0	44.0	44.0	44.0	44.4	44.4	44.4	44.8	44.8	44.9	44.9
GE 4000	41.3	44.8	46.0	46.5	47.5	47.5	47.6	47.6	47.6	47.6	48.1	48.1	48.1	48.4	48.4	48.6	48.6
GE 3500	44.4	47.9	49.7	50.5	51.4	51.4	51.7	51.7	51.7	51.7	52.2	52.2	52.2	52.5	52.5	52.7	52.7
GE 3000	45.7	49.4	51.3	52.1	53.2	53.2	53.5	53.8	53.8	53.8	54.3	54.3	54.3	54.6	54.6	54.8	54.8
GE 2500	45.7	50.2	52.2	53.2	54.6	54.6	54.9	55.2	55.2	55.2	55.7	55.7	55.7	56.0	56.0	56.3	56.3
GE 2000	46.5	52.1	54.3	55.2	56.7	56.7	57.0	57.3	57.3	57.3	57.8	57.8	57.8	58.1	58.1	58.4	58.4
GE 1800	47.1	53.2	55.4	56.3	57.8	57.8	58.3	58.6	58.6	58.6	59.0	59.0	59.0	59.4	59.4	59.7	59.7
GE 1500	47.6	54.4	57.0	58.3	60.2	60.2	60.8	61.1	61.1	61.1	61.6	61.6	61.6	61.9	61.9	62.2	62.2
GE 1200	50.5	58.6	61.1	62.4	64.4	64.4	65.7	66.0	66.0	66.0	66.2	67.0	67.0	67.3	67.3	67.6	67.6
GE 1000	51.4	60.0	62.9	64.6	66.8	66.8	68.3	68.6	68.6	68.6	68.9	69.8	69.8	70.2	70.2	70.5	70.5
GE 900	52.5	61.4	64.4	66.2	68.4	68.4	70.3	70.6	70.6	70.6	71.1	72.1	72.1	72.4	72.4	72.7	72.7
GE 800	52.9	61.7	65.2	67.1	69.7	69.7	72.1	72.5	72.5	72.5	73.0	74.0	74.0	74.3	74.6	74.9	74.9
GE 700	53.3	62.4	66.0	67.9	71.0	71.0	73.5	74.0	74.0	74.0	74.6	75.6	75.6	76.2	76.2	76.5	76.5
GE 600	53.5	62.9	66.8	69.2	72.7	72.7	75.6	76.0	76.0	76.2	76.8	77.8	77.8	78.1	78.4	78.7	78.7
GE 500	54.6	64.3	68.4	71.3	75.1	75.1	77.9	78.7	78.7	78.9	79.5	81.4	81.7	82.1	82.1	82.4	82.4
GE 400	55.6	65.9	70.5	73.3	77.3	77.3	80.5	81.6	81.6	81.9	83.0	85.7	86.0	87.0	87.0	87.6	87.6
GE 300	55.6	65.9	70.8	73.8	78.4	78.4	81.7	82.9	83.2	84.3	86.1	88.6	89.7	89.7	90.5	90.5	90.5
GE 200	55.7	66.3	71.3	74.4	79.0	79.0	82.9	84.1	84.4	86.0	90.6	91.1	93.2	93.2	94.3	95.1	95.1
GE 100	55.7	66.3	71.3	74.4	79.0	79.0	82.9	84.1	84.6	86.2	91.6	92.1	95.1	95.2	97.1	98.1	98.1
GE 01	55.7	66.3	71.3	74.4	79.0	79.0	82.9	84.1	84.6	86.2	91.6	92.2	95.6	95.9	98.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.3	27.6	27.9	28.4	28.9	28.9	29.4	29.5	29.5	29.5	30.2	30.2	30.2	30.2	30.3	30.3
GE 20000	29.0	30.5	30.8	31.3	31.7	31.7	32.2	32.4	32.4	32.4	33.0	33.0	33.0	33.0	33.2	33.2
GE 18000	31.0	33.0	33.3	33.8	34.3	34.3	34.8	34.9	34.9	34.9	35.6	35.6	35.6	35.6	35.7	35.7
GE 16000	31.1	33.2	33.5	34.0	34.4	34.4	34.9	35.1	35.1	35.1	35.7	35.7	35.7	35.9	36.0	36.0
GE 14000	31.7	33.8	34.1	34.6	35.1	35.1	35.6	35.7	35.7	35.7	36.3	36.3	36.3	36.5	36.7	36.7
GE 12000	31.9	34.0	34.3	34.6	35.2	35.2	35.7	35.9	35.9	35.9	36.5	36.5	36.5	36.7	36.8	36.8
GE 10000	33.2	35.2	35.6	36.0	36.5	36.5	37.0	37.1	37.1	37.1	37.8	37.8	37.8	37.9	38.1	38.1
GE 9000	34.1	36.2	36.5	37.0	37.5	37.5	37.9	38.1	38.1	38.1	38.7	38.7	38.7	38.9	39.0	39.0
GE 8000	35.9	38.1	38.4	38.9	39.5	39.5	40.0	40.2	40.2	40.2	40.8	40.8	40.8	41.0	41.1	41.1
GE 7000	37.3	39.5	39.8	40.3	41.0	41.0	41.4	41.6	41.6	41.7	42.4	42.4	42.4	42.5	42.7	42.7
GE 6000	37.9	40.5	41.1	41.7	42.4	42.4	42.9	43.0	43.0	43.2	43.8	43.8	43.8	44.0	44.1	44.1
GE 5000	38.9	41.4	42.1	42.7	43.7	43.7	44.1	44.3	44.3	44.4	45.1	45.1	45.1	45.2	45.4	45.4
GE 4500	39.2	41.9	42.5	43.2	44.1	44.1	44.6	44.8	44.8	44.9	45.6	45.6	45.6	45.7	45.9	45.9
GE 4000	41.4	44.3	45.2	45.9	47.0	47.0	47.5	47.6	47.6	47.8	48.4	48.4	48.4	48.6	48.7	48.7
GE 3500	44.9	48.4	49.5	50.3	51.4	51.4	51.9	52.1	52.1	52.2	52.9	52.9	52.9	53.0	53.2	53.2
GE 3000	45.1	49.0	50.3	51.1	52.4	52.4	52.9	53.2	53.2	53.3	54.0	54.0	54.1	54.3	54.6	54.6
GE 2500	45.4	49.8	51.3	52.1	53.5	53.5	54.0	54.3	54.3	54.6	55.2	55.2	55.4	55.6	56.0	56.0
GE 2000	46.0	51.7	53.2	54.0	55.9	55.9	56.3	56.8	56.8	57.1	57.8	57.8	57.9	58.1	58.6	58.6
GE 1800	46.3	52.4	53.8	54.9	57.0	57.0	57.5	57.9	57.9	58.3	58.9	58.9	59.0	59.2	59.7	59.7
GE 1500	47.8	54.3	56.0	57.3	59.5	59.5	60.3	60.8	60.8	61.1	61.7	61.7	61.9	62.1	62.5	62.5
GE 1200	51.6	58.1	60.0	61.3	63.7	63.7	64.4	64.9	64.9	65.2	66.3	66.3	66.5	66.7	67.1	67.1
GE 1000	53.2	60.3	62.4	63.7	66.2	66.3	67.1	67.6	67.6	67.9	69.2	69.2	69.7	69.8	70.3	70.3
GE 900	54.0	61.4	63.7	65.1	67.6	67.8	68.7	69.2	69.2	69.7	71.0	71.0	71.6	71.7	72.2	72.2
GE 800	54.3	61.9	64.1	65.6	68.3	68.4	69.5	70.0	70.0	70.5	71.9	72.1	73.3	73.5	74.0	74.0
GE 700	54.3	61.9	64.3	65.7	68.9	69.0	70.2	70.6	70.6	71.1	72.7	72.9	74.1	74.3	74.8	74.8
GE 600	54.4	62.2	64.9	66.7	70.0	70.3	71.6	72.4	72.4	72.9	74.6	74.8	76.0	76.2	76.7	76.7
GE 500	55.1	63.2	65.9	67.6	72.2	72.5	74.0	75.2	75.2	76.0	78.3	78.4	79.8	80.0	80.5	80.5
GE 400	55.6	64.1	67.0	69.7	74.9	75.2	77.1	78.9	78.9	79.7	82.7	82.9	84.4	84.8	85.2	85.2
GE 300	56.0	64.8	68.3	71.0	76.5	76.8	79.5	81.3	81.3	82.1	86.7	86.8	88.4	88.7	89.4	89.4
GE 200	56.2	65.4	69.0	71.7	77.5	77.9	80.8	82.5	82.5	83.5	88.6	88.7	90.6	91.1	92.2	92.5
GE 100	56.2	65.4	69.0	71.9	77.6	78.3	81.1	82.9	82.9	84.0	90.0	90.2	92.7	93.2	95.2	96.3
GE 0	56.2	65.4	69.0	71.9	77.6	78.3	81.1	82.9	82.9	84.0	90.2	90.3	93.5	94.0	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	27.0	27.1	28.1	28.7	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2
GE 20000	27.9	29.4	29.5	30.5	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.6	31.6
GE 18000	29.8	31.7	31.9	32.9	33.5	33.5	33.8	33.8	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.1
GE 16000	30.2	32.1	32.4	33.3	34.0	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.6
GE 14000	30.2	32.2	32.5	33.5	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.6	34.8
GE 12000	30.6	32.9	33.2	34.1	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.4
GE 10000	31.1	33.7	34.0	34.9	35.6	35.6	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.2
GE 9000	32.2	34.8	35.1	36.0	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.3
GE 8000	33.7	36.3	36.7	37.8	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	39.0
GE 7000	35.1	38.1	38.4	39.5	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.8
GE 6000	35.1	38.1	38.4	39.5	40.2	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.8
GE 5000	36.2	39.2	39.5	40.6	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.9
GE 4500	36.7	40.0	40.3	41.4	42.1	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.7
GE 4000	38.7	43.0	43.5	44.8	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.2
GE 3500	41.1	45.7	46.3	48.1	49.2	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.8
GE 3000	42.1	47.3	48.1	49.8	51.3	51.3	51.6	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.2
GE 2500	43.5	49.0	50.2	52.5	54.1	54.1	54.4	54.8	54.8	54.8	54.9	54.9	55.1	55.2	55.4	55.6
GE 2000	44.1	52.4	53.7	56.2	58.1	58.1	58.4	58.7	58.7	58.7	58.9	58.9	59.0	59.2	59.5	59.7
GE 1800	44.6	53.0	54.3	56.8	59.2	59.2	59.5	59.8	59.8	59.8	60.0	60.0	60.2	60.3	60.6	60.8
GE 1500	44.9	54.0	55.2	57.9	60.3	60.3	60.6	61.0	61.0	61.1	61.3	61.3	61.4	61.6	61.9	62.1
GE 1200	49.5	59.0	60.6	63.5	66.0	66.2	66.7	67.3	67.3	67.8	67.9	67.9	68.1	68.3	68.6	68.7
GE 1000	51.3	61.1	62.9	65.7	68.7	69.0	69.7	70.5	70.5	71.0	71.1	71.1	71.3	71.4	71.7	71.9
GE 900	51.6	61.4	63.3	66.2	69.2	69.5	70.5	71.4	71.6	72.1	73.2	73.2	73.3	73.5	73.8	74.0
GE 800	51.7	61.9	63.8	66.7	69.8	70.2	71.1	72.1	72.2	72.9	74.0	74.1	74.8	74.9	75.4	75.6
GE 700	51.7	62.1	64.0	67.0	70.2	70.6	71.6	72.5	72.7	73.3	74.4	74.6	75.2	75.4	75.9	76.0
GE 600	52.1	62.7	64.8	67.9	71.4	71.9	73.2	74.1	74.3	74.9	76.5	76.7	77.3	77.5	78.1	78.3
GE 500	52.5	63.7	65.9	69.7	73.7	74.1	75.7	77.1	77.3	77.9	79.7	79.8	80.5	80.6	81.3	81.4
GE 400	52.7	65.2	68.4	72.7	77.3	77.8	80.2	82.1	82.2	83.5	86.8	87.0	87.9	88.1	88.7	88.9
GE 300	52.7	65.4	68.7	73.2	77.8	78.3	80.6	82.7	82.9	84.1	88.3	88.4	89.8	90.0	91.1	91.4
GE 200	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	85.9	91.0	91.1	92.7	93.0	94.1	94.4
GE 100	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	85.9	91.4	91.7	93.7	94.0	96.0	97.3
GE 0	52.9	66.2	69.8	74.3	78.9	79.4	81.9	84.0	84.1	86.0	92.1	92.4	94.3	94.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 1500-1700

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.3	27.1	27.1	27.3	27.8	27.8	28.3	28.3	28.3	28.4	29.0	29.0	29.0	29.0	29.0	29.2
GE 20000	27.3	28.1	28.1	28.3	28.7	28.7	29.2	29.2	29.2	29.4	30.0	30.0	30.0	30.0	30.0	30.2
GE 18000	28.9	30.0	30.0	30.2	30.6	30.6	31.1	31.1	31.1	31.3	31.9	31.9	31.9	31.9	31.9	32.1
GE 16000	29.4	30.6	30.6	30.8	31.3	31.3	31.7	31.7	31.7	31.9	32.5	32.5	32.5	32.5	32.5	32.7
GE 14000	29.4	30.8	30.8	31.0	31.4	31.4	31.9	31.9	31.9	32.1	32.7	32.7	32.7	32.7	32.7	32.9
GE 12000	31.6	33.0	33.0	33.2	33.7	33.7	34.1	34.1	34.1	34.3	34.9	34.9	34.9	34.9	34.9	35.1
GE 10000	32.2	33.7	33.7	33.8	34.3	34.3	34.8	34.8	34.8	34.9	35.6	35.6	35.6	35.6	35.6	35.7
GE 9000	33.3	35.1	35.2	35.4	35.9	35.9	36.3	36.3	36.3	36.5	37.1	37.1	37.1	37.1	37.1	37.3
GE 8000	33.7	35.7	35.9	36.0	36.5	36.5	37.0	37.0	37.0	37.1	37.8	37.8	37.8	37.8	37.8	37.9
GE 7000	34.6	36.7	36.8	37.0	37.5	37.5	37.9	37.9	37.9	38.1	38.7	38.7	38.7	38.7	38.7	38.9
GE 6000	35.1	37.3	37.5	37.6	38.1	38.1	38.6	38.6	38.6	38.7	39.4	39.4	39.4	39.4	39.4	39.5
GE 5000	35.7	38.4	38.6	38.7	39.2	39.2	39.7	39.7	39.7	39.8	40.5	40.5	40.5	40.5	40.5	40.6
GE 4500	36.0	38.7	39.0	39.2	39.7	39.7	40.2	40.2	40.2	40.3	41.0	41.0	41.0	41.0	41.0	41.1
GE 4000	38.4	41.4	41.9	42.2	43.0	43.0	43.5	43.5	43.5	43.7	44.3	44.3	44.3	44.3	44.3	44.4
GE 3500	40.5	44.8	45.6	46.2	47.0	47.0	47.6	47.6	47.6	47.8	48.4	48.4	48.4	48.4	48.4	48.6
GE 3000	41.9	47.1	47.9	48.6	49.5	49.5	50.2	50.2	50.2	50.3	51.1	51.1	51.1	51.1	51.1	51.3
GE 2500	43.0	48.6	49.4	50.2	51.6	51.6	52.2	52.2	52.2	52.4	53.2	53.2	53.2	53.2	53.2	53.3
GE 2000	44.3	51.4	52.4	53.2	54.8	54.8	55.4	55.4	55.4	55.6	56.5	56.7	56.7	56.7	56.8	57.0
GE 1800	44.6	52.1	53.0	54.0	55.9	55.9	57.0	57.0	57.0	57.1	58.1	58.3	58.3	58.3	58.4	58.6
GE 1500	45.2	52.9	53.8	54.9	57.8	57.8	59.0	59.2	59.2	59.4	60.3	60.5	60.5	60.5	60.6	60.8
GE 1200	49.2	58.1	59.7	61.1	64.6	64.6	66.2	66.5	66.5	66.7	67.6	67.8	67.9	67.9	68.1	68.3
GE 1000	50.6	60.5	62.7	64.3	68.3	68.6	70.3	70.6	70.6	71.1	72.1	72.2	72.4	72.4	72.5	72.7
GE 900	50.6	60.6	63.0	64.6	68.6	68.9	71.0	71.4	71.4	71.9	73.2	73.5	74.0	74.0	74.1	74.3
GE 800	50.8	60.8	63.3	65.1	69.2	69.5	71.6	72.1	72.2	72.7	74.0	74.3	74.8	74.8	74.9	75.1
GE 700	51.0	61.1	63.8	65.6	69.7	70.0	72.1	72.5	72.9	73.3	74.9	75.2	75.7	75.7	75.9	76.0
GE 600	51.1	61.6	64.3	66.2	70.6	71.4	74.3	74.8	75.1	75.9	77.5	77.8	78.3	78.3	78.9	79.0
GE 500	51.7	63.2	66.0	68.1	72.7	73.5	77.0	77.5	77.8	78.6	80.6	81.3	81.7	81.7	82.4	82.5
GE 400	51.9	63.8	67.3	69.7	74.9	75.9	80.2	80.8	81.4	83.2	86.3	87.1	87.8	87.8	88.4	88.6
GE 300	51.9	64.1	67.9	70.8	76.5	77.5	81.7	82.7	83.3	85.2	88.9	89.8	91.0	91.0	92.1	92.2
GE 200	51.9	64.8	68.6	71.6	77.5	78.7	83.0	84.1	84.8	86.8	91.4	92.5	94.1	94.1	95.9	96.2
GE 100	51.9	64.8	68.7	71.7	77.8	79.0	83.5	84.6	85.4	87.6	93.7	94.8	96.7	96.7	98.6	99.4
GE 0	51.9	64.8	68.7	71.7	77.8	79.0	83.5	84.6	85.4	87.6	94.0	95.1	97.0	97.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(IST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		21.2	24.3	24.3	24.3	24.8	24.8	24.9	25.1	25.1	25.1	25.6	25.6	25.7	25.7	25.7	26.0
GE 20000		24.6	25.7	25.7	25.7	26.2	26.2	26.3	26.5	26.5	26.5	27.0	27.0	27.1	27.1	27.1	27.5
GE 18000		26.5	27.8	27.6	27.8	28.3	28.3	28.4	28.6	28.6	28.6	29.0	29.0	29.2	29.2	29.2	29.5
GE 16000		26.8	28.1	28.1	28.1	28.6	28.6	28.7	28.9	28.9	28.9	29.4	29.4	29.5	29.5	29.5	29.8
GE 14000		26.8	28.1	28.1	28.1	28.6	28.6	28.7	28.9	28.9	28.9	29.4	29.4	29.5	29.5	29.5	29.8
GE 12000		27.8	29.0	29.0	29.0	29.5	29.5	29.7	29.8	29.8	29.8	30.3	30.3	30.5	30.5	30.5	30.8
GE 10000		30.5	31.7	31.7	31.7	32.2	32.2	32.4	32.5	32.5	32.5	33.0	33.0	33.2	33.2	33.2	33.5
GE 9000		31.3	32.5	32.5	32.5	33.0	33.0	33.2	33.3	33.3	33.3	33.8	33.8	34.0	34.0	34.0	34.3
GE 8000		33.2	34.6	34.8	34.8	35.2	35.2	35.4	35.6	35.6	35.6	36.0	36.0	36.2	36.2	36.2	36.5
GE 7000		34.4	36.0	36.0	36.0	36.5	36.5	36.7	36.8	36.8	37.0	37.5	37.5	37.6	37.6	37.6	37.9
GE 6000		35.2	36.8	36.8	36.8	37.3	37.3	37.5	37.6	37.6	37.8	38.3	38.3	38.4	38.4	38.4	38.7
GE 5000		35.6	37.5	37.6	37.6	38.1	38.1	38.3	38.4	38.4	38.6	39.0	39.0	39.2	39.2	39.2	39.5
GE 4500		35.7	37.6	37.8	37.8	38.3	38.3	38.4	38.6	38.6	38.7	39.2	39.2	39.4	39.4	39.4	39.7
GE 4000		38.7	40.6	40.8	40.8	41.6	41.6	41.7	41.9	41.9	42.1	42.5	42.5	42.7	42.7	42.7	43.0
GE 3500		40.6	43.3	43.7	43.7	44.4	44.4	44.6	44.8	44.8	44.9	45.4	45.4	45.6	45.6	45.6	45.9
GE 3000		41.1	44.0	44.6	44.6	45.4	45.4	45.6	45.7	45.7	45.9	46.3	46.3	46.5	46.5	46.5	46.8
GE 2500		42.7	45.9	46.5	46.5	47.5	47.5	47.6	47.8	47.8	47.9	48.4	48.4	48.6	48.6	48.6	48.9
GE 2000		43.3	47.3	48.1	48.1	49.7	49.7	50.2	50.3	50.3	50.5	51.0	51.0	51.1	51.1	51.1	51.4
GE 1800		44.0	48.1	49.2	49.2	51.3	51.3	51.9	52.1	52.1	52.2	52.7	52.7	52.9	52.9	52.9	53.2
GE 1500		44.6	49.5	50.8	51.1	53.8	53.8	55.2	55.6	55.6	55.7	56.2	56.2	56.3	56.3	56.3	56.7
GE 1200		48.6	56.5	58.4	58.7	61.7	61.7	63.2	63.5	63.7	64.1	64.6	64.6	64.9	64.9	64.9	65.2
GE 1000		49.5	58.9	61.1	61.6	64.8	64.8	66.3	66.8	67.0	67.6	68.3	68.3	68.7	68.7	68.7	69.0
GE 900		49.8	59.5	61.9	62.4	65.9	65.9	67.6	68.1	68.3	69.2	70.0	70.0	70.5	70.5	70.5	70.8
GE 800		49.8	59.7	62.2	63.0	66.8	66.8	68.7	69.5	69.8	70.8	71.7	71.7	72.2	72.2	72.2	72.5
GE 700		49.8	60.0	62.7	63.5	67.3	67.3	69.2	70.0	70.3	71.4	72.5	72.5	73.0	73.0	73.0	73.3
GE 600		50.0	60.5	63.5	64.4	68.7	68.7	71.0	72.1	72.4	73.7	74.9	74.9	75.4	75.4	75.7	76.0
GE 500		50.0	61.3	64.6	65.6	70.0	70.0	72.4	73.8	74.1	75.7	77.3	77.3	77.8	77.8	78.1	78.6
GE 400		50.6	62.4	66.3	67.3	71.9	72.4	76.3	77.9	78.3	80.5	84.6	84.8	85.6	85.6	86.2	86.7
GE 300		50.6	62.7	67.0	68.7	74.0	74.6	78.9	81.0	81.6	84.0	89.8	90.0	91.1	91.1	91.9	92.4
GE 200		50.6	62.7	67.1	69.5	75.1	75.9	80.5	82.5	83.2	85.9	92.4	92.5	93.8	93.8	94.8	95.2
GE 100		50.6	62.7	67.1	69.5	75.4	76.2	80.8	82.9	83.5	86.7	94.3	94.6	96.5	96.5	97.8	99.0
GE 01		50.6	62.7	67.1	69.5	75.4	76.2	80.8	82.9	83.5	86.8	94.4	94.8	96.7	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): 2100-2300

CEILING							VISIBILITY IN STATUTE MILES										
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	22.4	25.1	25.9	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.8	26.8	26.8	26.8	27.0	27.0	
GE 20000	23.3	26.2	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.5	28.3	28.3	28.3	28.3	28.4	28.4	
GE 18000	25.4	28.3	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	30.3	30.3	30.3	30.3	30.5	30.5	
GE 16000	25.4	28.3	29.2	29.4	29.5	29.5	29.5	29.5	29.5	29.5	30.3	30.3	30.3	30.3	30.5	30.5	
GE 14000	25.6	28.4	29.4	29.5	29.7	29.7	29.7	29.7	29.7	29.7	30.5	30.5	30.5	30.5	30.6	30.6	
GE 12000	27.1	30.0	31.0	31.1	31.3	31.3	31.3	31.3	31.3	31.3	32.1	32.1	32.1	32.1	32.2	32.2	
GE 10000	27.6	30.5	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	32.5	32.5	32.5	32.5	32.7	32.7	
GE 9000	28.1	31.0	31.9	32.1	32.2	32.2	32.2	32.2	32.2	32.2	33.0	33.0	33.0	33.0	33.2	33.2	
GE 8000	32.2	35.2	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5	37.3	37.3	37.3	37.3	37.5	37.5	
GE 7000	33.5	36.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	38.7	38.7	38.7	38.7	38.9	38.9	
GE 6000	34.4	37.5	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.7	39.7	39.7	39.7	39.8	39.8	
GE 5000	34.9	37.9	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.3	40.3	
GE 4500	35.1	38.3	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	40.5	40.5	40.5	40.5	40.6	40.6	
GE 4000	37.1	40.5	41.6	41.9	42.2	42.2	42.2	42.2	42.2	42.2	43.0	43.0	43.0	43.0	43.2	43.2	
GE 3500	39.7	43.7	44.8	45.1	45.7	45.7	45.7	45.7	45.7	45.7	46.5	46.5	46.7	46.7	46.8	46.8	
GE 3000	40.3	44.8	45.9	46.2	46.8	46.8	47.0	47.0	47.0	47.0	47.8	47.8	47.9	47.9	48.1	48.1	
GE 2500	41.9	46.7	48.3	48.7	49.5	49.5	49.7	49.7	49.7	49.7	50.5	50.5	50.6	50.6	50.8	50.8	
GE 2000	42.1	47.9	49.7	50.3	51.4	51.4	51.6	51.6	51.6	52.1	52.9	52.9	53.0	53.0	53.2	53.2	
GE 1800	42.1	48.3	50.0	50.6	52.1	52.1	52.2	52.2	52.2	52.7	53.5	53.5	53.7	53.7	53.8	53.8	
GE 1500	42.4	48.7	50.5	51.6	53.0	53.0	53.7	53.8	53.8	54.3	55.1	55.1	55.2	55.2	55.4	55.4	
GE 1200	46.3	54.0	56.0	57.3	58.9	58.9	59.8	60.0	60.2	60.8	61.6	61.6	61.7	61.7	61.9	61.9	
GE 1000	47.9	56.0	58.1	59.5	61.3	61.3	62.4	62.9	63.0	63.8	64.6	64.6	64.8	64.8	64.9	64.9	
GE 900	48.1	56.3	58.9	60.5	62.5	62.5	63.8	64.3	64.4	65.2	66.0	66.0	66.3	66.3	66.5	66.5	
GE 800	48.1	56.5	59.5	61.1	63.5	63.5	64.8	65.7	65.9	66.7	67.8	67.8	68.3	68.3	68.4	68.4	
GE 700	48.7	57.6	61.0	63.0	65.6	65.6	67.0	67.9	68.1	68.9	70.2	70.2	70.6	70.6	70.8	70.8	
GE 600	49.2	58.4	62.2	64.9	67.9	67.9	69.5	70.5	70.6	72.1	73.3	73.3	73.8	73.8	74.0	74.0	
GE 500	49.5	59.5	63.7	66.7	70.8	71.1	73.0	74.0	74.6	77.1	79.2	79.2	79.8	79.8	80.0	80.0	
GE 400	50.5	60.8	65.9	68.9	73.7	74.4	76.5	77.5	78.4	81.4	86.5	86.5	87.3	87.3	87.5	87.5	
GE 300	50.6	61.0	66.0	69.2	74.6	75.4	77.8	78.7	79.7	83.0	89.5	89.5	90.6	90.6	91.1	91.1	
GE 200	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.3	91.4	91.4	93.5	93.5	94.0	94.1	
GE 100	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.6	92.5	92.5	95.6	95.6	96.8	98.1	
GE 0	50.6	61.0	66.2	69.5	75.1	76.0	78.6	79.5	80.5	84.6	92.5	92.5	96.2	96.2	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.8	28.7	29.1	29.3	29.7	29.7	29.9	30.0	30.0	30.0	30.5	30.5	30.6	30.6	30.7	30.7
GE 20000	28.1	30.1	30.5	30.8	31.2	31.2	31.4	31.5	31.5	31.5	32.0	32.0	32.1	32.1	32.2	32.2
GE 18000	29.4	31.7	32.1	32.4	32.8	32.8	33.0	33.1	33.1	33.1	33.6	33.6	33.7	33.7	33.8	33.9
GE 16000	29.7	32.0	32.5	32.7	33.2	33.2	33.4	33.5	33.5	33.5	34.0	34.0	34.1	34.1	34.2	34.3
GE 14000	29.9	32.2	32.7	32.9	33.4	33.4	33.6	33.7	33.7	33.7	34.2	34.2	34.3	34.3	34.4	34.5
GE 12000	30.6	32.9	33.4	33.7	34.1	34.1	34.3	34.4	34.4	34.4	34.9	34.9	35.0	35.0	35.1	35.2
GE 10000	31.6	34.1	34.5	34.8	35.2	35.2	35.4	35.5	35.5	35.5	36.0	36.1	36.2	36.2	36.3	36.3
GE 9000	32.3	34.8	35.3	35.5	36.0	36.0	36.2	36.3	36.3	36.3	36.8	36.8	36.9	36.9	37.0	37.1
GE 8000	34.5	37.2	37.8	38.0	38.5	38.5	38.7	38.8	38.8	38.8	39.3	39.3	39.4	39.5	39.5	39.6
GE 7000	35.9	38.8	39.4	39.7	40.1	40.1	40.3	40.4	40.4	40.5	41.0	41.0	41.1	41.1	41.2	41.3
GE 6000	36.4	39.4	40.0	40.3	40.8	40.8	41.0	41.1	41.1	41.2	41.6	41.6	41.8	41.8	41.8	41.9
GE 5000	37.4	40.5	41.1	41.4	42.0	42.0	42.2	42.3	42.3	42.3	42.9	42.9	43.0	43.0	43.1	43.2
GE 4500	37.9	41.1	41.8	42.1	42.6	42.6	42.8	42.9	42.9	43.0	43.5	43.5	43.6	43.7	43.7	43.8
GE 4000	40.1	43.6	44.4	44.8	45.5	45.5	45.7	45.8	45.8	45.8	46.3	46.4	46.5	46.5	46.6	46.6
GE 3500	42.9	46.9	47.9	48.5	49.2	49.2	49.5	49.6	49.6	49.6	50.2	50.2	50.3	50.3	50.4	50.5
GE 3000	43.8	48.3	49.5	50.1	50.9	50.9	51.2	51.4	51.4	51.5	52.0	52.0	52.2	52.2	52.3	52.4
GE 2500	44.7	49.5	50.9	51.7	52.7	52.7	53.0	53.2	53.2	53.3	53.8	53.8	54.0	54.0	54.2	54.2
GE 2000	45.4	51.5	53.0	53.8	55.2	55.2	55.5	55.8	55.8	55.9	56.5	56.5	56.7	56.7	56.9	57.0
GE 1800	45.8	52.2	53.7	54.6	56.2	56.2	56.6	56.9	56.9	57.0	57.6	57.6	57.8	57.8	58.0	58.1
GE 1500	46.3	53.2	55.1	56.3	58.2	58.2	58.8	59.1	59.1	59.3	59.9	59.9	60.1	60.1	60.3	60.4
GE 1200	50.0	58.1	60.5	61.7	63.8	63.8	64.8	65.1	65.2	65.5	66.2	66.3	66.4	66.5	66.7	66.7
GE 1000	51.2	59.9	62.6	63.9	66.5	66.6	67.6	68.1	68.1	68.6	69.4	69.4	69.7	69.8	69.9	70.0
GE 900	51.5	60.5	63.3	64.7	67.4	67.5	68.8	69.2	69.3	69.9	70.9	71.0	71.3	71.3	71.5	71.6
GE 800	51.8	61.0	64.2	65.8	68	68.8	70.2	70.8	70.9	71.5	72.7	72.8	73.4	73.4	73.6	73.7
GE 700	52.1	61.4	64.9	66.6	69.9	70.0	71.5	72.1	72.3	73.0	74.4	74.5	75.1	75.2	75.4	75.4
GE 600	52.4	62.1	65.8	67.9	71.4	71.6	73.4	74.1	74.2	75.3	76.7	76.9	77.5	77.5	77.9	77.9
GE 500	53.0	63.2	67.1	69.6	73.9	74.2	76.3	77.2	77.5	78.9	81.0	81.2	81.8	81.9	82.2	82.3
GE 400	53.6	64.4	68.8	71.5	76.4	76.9	79.5	80.6	81.1	82.8	86.4	86.7	87.7	87.8	88.2	88.3
GE 300	53.7	64.6	69.3	72.3	77.6	78.1	80.9	82.2	82.6	84.5	89.2	89.5	91.0	91.1	91.8	91.9
GE 200	53.7	65.0	69.8	72.9	78.3	79.0	81.9	83.2	83.7	85.8	91.2	91.5	93.7	93.8	94.8	95.1
GE 100	53.7	65.0	69.8	72.9	78.4	79.1	82.0	83.4	83.8	86.1	92.3	92.7	95.5	95.7	97.3	98.2
GE 0	53.7	65.0	69.8	72.9	78.4	79.1	82.0	83.4	83.8	86.2	92.5	92.9	96.1	96.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.9	29.8	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.3
GE 20000	30.9	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3
GE 18000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	32.9	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3
GE 12000	33.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000	35.5	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	36.3	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6
GE 8000	39.9	41.2	41.2	41.2	41.8	41.8	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.1	42.1	42.1
GE 7000	43.9	45.3	45.3	45.3	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	44.7	46.1	46.1	46.1	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0
GE 5000	47.6	49.0	49.0	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9
GE 4500	48.1	49.5	49.5	49.5	50.1	50.1	50.1	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4
GE 4000	50.7	52.4	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5
GE 3500	53.9	55.9	56.1	56.1	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3
GE 3000	54.4	56.4	56.5	56.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8
GE 2500	57.0	59.8	59.9	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3
GE 2000	59.9	62.8	63.0	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4
GE 1800	60.8	63.9	64.1	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4
GE 1500	63.4	67.4	67.6	67.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0
GE 1200	65.9	70.8	71.9	72.0	73.1	73.3	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9
GE 1000	67.1	72.7	74.2	74.7	75.9	76.0	76.3	76.3	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7
GE 900	68.2	73.7	75.3	75.7	77.0	77.3	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
GE 800	69.4	75.0	76.7	77.1	78.5	79.0	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7
GE 700	69.9	75.6	77.6	78.0	79.7	80.3	80.8	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1
GE 600	71.0	77.0	79.1	79.7	81.4	82.0	82.5	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8
GE 500	72.2	79.0	81.4	82.5	84.5	85.1	85.9	85.9	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 400	73.3	81.1	83.9	85.1	87.3	88.0	88.9	88.9	88.9	89.9	90.5	90.5	90.5	90.5	90.5	90.5
GE 300	73.4	81.7	85.3	87.3	89.6	90.5	91.4	91.7	91.7	92.8	94.2	94.2	94.6	94.6	94.6	94.6
GE 200	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.6	96.6	97.5	97.5	97.7	97.7
GE 100	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.8	96.8	98.0	98.0	98.6	98.6
GE 0	73.4	81.9	85.4	87.7	90.3	91.2	92.2	92.9	92.9	94.0	96.8	96.8	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.1	30.6	30.7	31.0	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 20000	31.2	31.6	31.8	32.1	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 18000	32.6	33.0	33.2	33.5	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 16000	32.6	33.0	33.2	33.5	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 14000	32.7	33.2	33.3	33.6	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 12000	33.2	33.6	33.6	34.1	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 10000	34.7	35.3	35.5	35.8	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 9000	35.9	36.9	37.0	37.3	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 8000	38.9	40.1	40.2	40.6	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 7000	42.1	43.3	43.5	43.8	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	45.0	45.0	45.0
GE 6000	42.5	43.8	43.9	44.2	45.2	45.3	45.3	45.3	45.3	45.3	45.5	45.5	45.6	45.6	45.6	45.6
GE 5000	45.5	46.7	46.9	47.2	48.1	48.2	48.2	48.2	48.2	48.2	48.4	48.4	48.5	48.5	48.5	48.5
GE 4500	47.5	48.7	48.8	49.2	50.1	50.2	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.5
GE 4000	51.5	52.8	53.0	53.3	54.5	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.0	55.1	55.1
GE 3500	56.5	58.1	58.4	58.6	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.8	60.8	61.0	61.0
GE 3000	57.0	59.0	59.3	59.6	61.3	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.8	61.8	61.9	61.9
GE 2500	59.4	61.9	62.2	62.7	64.2	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.8	64.8
GE 2000	62.2	65.3	65.6	66.2	67.7	67.9	67.9	68.0	68.0	68.0	68.2	68.4	68.5	68.5	68.7	68.7
GE 1800	62.8	66.1	66.4	67.0	68.5	68.7	68.7	68.8	68.8	68.8	69.0	69.3	69.4	69.4	69.6	69.6
GE 1500	63.3	67.0	67.3	67.9	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.4	70.5	70.5	70.7	70.7
GE 1200	65.3	69.9	70.8	71.6	73.4	73.6	73.9	74.0	74.0	74.0	74.2	74.5	74.7	74.7	74.8	74.8
GE 1000	68.1	71.3	72.2	73.0	75.0	75.1	75.4	75.6	75.6	75.6	75.7	76.0	76.2	76.2	76.3	76.3
GE 900	66.8	72.4	73.3	74.0	76.0	76.2	76.5	76.7	76.7	76.7	76.8	77.1	77.3	77.3	77.4	77.4
GE 800	67.6	73.9	75.0	75.9	77.9	78.0	78.5	78.8	78.8	79.0	79.1	79.4	79.6	79.6	79.7	79.7
GE 700	68.7	75.7	77.0	77.9	79.9	80.0	80.6	81.1	81.1	81.3	81.4	81.7	81.9	81.9	82.0	82.0
GE 600	68.8	76.2	77.4	78.3	80.6	80.8	81.6	82.0	82.0	82.2	82.3	82.6	82.8	82.8	82.9	82.9
GE 500	69.7	77.3	79.0	80.2	83.4	83.7	84.6	85.1	85.3	85.6	85.7	86.0	86.2	86.2	86.3	86.3
GE 400	70.7	78.8	81.1	82.6	86.5	86.8	87.7	88.5	88.6	89.7	90.6	90.9	91.1	91.1	91.2	91.2
GE 300	71.3	79.4	82.2	84.0	88.2	88.5	89.4	90.3	90.5	91.9	93.4	93.7	94.2	94.2	94.3	94.3
GE 200	71.3	79.7	82.6	84.5	88.9	89.2	90.5	91.9	92.0	93.4	95.4	95.7	96.6	96.6	96.9	96.9
GE 100	71.3	79.7	82.6	84.6	89.2	89.6	90.8	92.2	92.3	93.9	96.2	96.5	97.4	97.4	98.3	98.3
GE 0	71.3	79.7	82.6	84.6	89.2	89.6	90.8	92.2	92.3	93.9	96.2	96.5	97.8	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

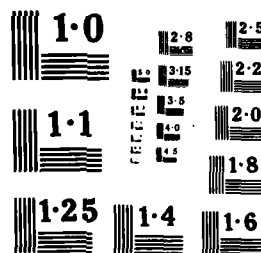
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	28.0	28.4	28.7	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.6	29.6
GE 20000	28.9	29.2	29.6	30.0	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.9	30.9	30.9	30.9
GE 18000	30.0	30.3	30.7	31.0	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.0	32.0	32.0	32.0
GE 16000	30.1	30.4	31.0	31.3	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.3
GE 14000	30.3	30.6	31.2	31.5	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4
GE 12000	31.3	31.6	32.3	32.6	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
GE 10000	32.7	33.0	33.6	33.9	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9
GE 9000	33.8	34.1	34.7	35.0	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9
GE 8000	37.0	37.3	38.1	38.4	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3
GE 7000	39.9	40.4	41.2	41.5	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.5	42.5	42.5	42.5
GE 6000	41.5	41.9	42.7	43.0	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.1	44.1	44.1	44.1
GE 5000	43.9	44.4	45.2	45.6	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.7	46.7	46.7	46.7
GE 4500	45.6	46.1	46.9	47.3	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.4	48.4	48.4	48.4
GE 4000	50.1	50.7	51.5	51.9	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.5	53.5
GE 3500	52.5	53.5	54.5	55.0	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.1	56.1	56.5	56.5
GE 3000	54.4	55.3	56.5	57.0	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.5	58.5
GE 2500	56.8	58.1	59.3	59.8	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8	60.8	61.3	61.3
GE 2000	59.1	60.7	62.2	63.1	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4	64.4	64.8	64.8
GE 1800	59.6	61.1	62.8	63.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.1	65.6	65.6
GE 1500	62.4	63.9	65.9	67.0	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.8	68.8	69.3	69.3
GE 1200	66.1	68.5	70.5	71.7	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.9	74.2	74.7	74.8
GE 1000	67.3	69.9	72.0	73.6	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.9	76.0	76.3	76.3	76.8	77.0
GE 900	67.9	71.1	73.3	75.1	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.9	78.0	78.3	78.3	78.8	79.0
GE 800	68.4	71.6	73.9	75.7	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.5	78.6	79.0	79.0	79.4	79.6
GE 700	69.0	72.4	74.7	76.5	78.6	78.8	79.1	79.3	79.3	79.3	79.3	79.6	79.7	80.0	80.0	80.5	80.6
GE 600	69.3	72.8	75.4	77.4	79.9	80.0	80.8	81.1	81.1	81.1	81.3	81.6	81.7	82.0	82.0	82.5	82.6
GE 500	69.7	73.7	76.3	78.5	81.4	81.7	82.9	83.4	83.4	83.4	83.6	83.9	84.0	84.3	84.3	84.8	84.9
GE 400	71.0	75.4	78.3	81.0	84.3	84.6	85.9	86.8	86.8	86.8	87.1	87.6	87.7	88.2	88.2	88.6	88.8
GE 300	71.6	76.5	79.6	82.8	86.3	86.8	88.5	89.7	89.9	90.5	91.2	91.4	91.4	92.0	92.0	92.5	92.6
GE 200	71.6	76.7	80.0	83.4	87.7	88.2	89.9	91.6	91.7	92.8	94.3	94.5	94.5	95.2	95.2	95.7	96.0
GE 100	71.6	76.7	80.0	83.4	87.9	88.6	90.3	92.2	92.3	93.4	95.7	95.9	96.8	97.1	98.0	99.1	
GE 0	71.6	76.7	80.0	83.4	87.9	88.6	90.3	92.2	92.3	93.4	95.9	96.0	97.1	97.5	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	28.4	29.8	30.0	30.3	30.9	30.9	31.2	31.5	31.5	31.5	31.6	31.6	31.6	31.8	31.8	31.8
GE 20000	30.6	32.0	32.1	32.4	33.0	33.0	33.3	33.6	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.9
GE 18000	32.3	33.6	33.8	34.1	34.7	34.7	35.0	35.3	35.3	35.3	35.5	35.5	35.5	35.6	35.6	35.6
GE 16000	32.4	33.8	33.9	34.3	34.9	34.9	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8
GE 14000	32.4	33.8	33.9	34.3	34.9	34.9	35.2	35.5	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8
GE 12000	33.5	34.9	35.0	35.3	35.9	35.9	36.3	36.6	36.6	36.6	36.7	36.7	36.7	36.9	36.9	36.9
GE 10000	35.3	36.7	36.9	37.2	37.8	37.8	38.1	38.4	38.4	38.4	38.6	38.6	38.6	38.7	38.7	38.7
GE 9000	37.3	38.7	38.9	39.2	39.8	39.8	40.1	40.4	40.4	40.4	40.6	40.6	40.6	40.7	40.7	40.7
GE 8000	41.6	43.2	43.5	43.8	44.4	44.4	44.7	45.0	45.0	45.0	45.2	45.2	45.2	45.3	45.3	45.3
GE 7000	44.7	46.2	46.5	46.9	47.5	47.5	47.8	48.1	48.1	48.1	48.2	48.2	48.2	48.4	48.4	48.4
GE 6000	46.5	48.1	48.4	48.7	49.3	49.3	49.6	49.9	49.9	49.9	50.1	50.1	50.1	50.2	50.2	50.2
GE 5000	47.6	49.3	49.8	50.1	50.7	50.8	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8
GE 4500	49.0	50.7	51.2	51.5	52.1	52.2	52.5	52.8	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.1
GE 4000	50.2	51.9	52.4	52.7	53.3	53.5	53.8	54.1	54.1	54.1	54.4	54.4	54.4	54.7	54.8	54.8
GE 3500	53.8	55.8	56.2	56.5	57.1	57.3	57.8	58.1	58.1	58.1	58.4	58.4	58.5	58.7	58.8	58.8
GE 3000	55.3	57.3	57.8	58.4	59.3	59.4	59.9	60.2	60.2	60.2	60.5	60.5	60.7	60.8	61.0	61.0
GE 2500	57.8	59.9	60.5	61.1	62.1	62.2	62.7	63.0	63.0	63.0	63.3	63.3	63.4	63.6	63.7	63.7
GE 2000	60.2	62.5	63.6	64.4	65.6	65.7	66.2	66.5	66.5	66.5	66.8	66.8	67.0	67.1	67.3	67.3
GE 1800	61.0	63.4	64.5	65.4	66.7	66.8	67.3	67.6	67.6	67.6	67.9	67.9	68.0	68.2	68.4	68.4
GE 1500	63.9	66.5	67.7	68.7	70.4	70.5	71.0	71.3	71.3	71.3	71.6	71.6	71.7	71.9	72.0	72.0
GE 1200	67.6	71.0	72.4	73.3	75.1	75.3	75.9	76.2	76.2	76.2	76.5	76.5	76.7	76.8	77.0	77.0
GE 1000	68.5	72.5	73.9	74.8	76.7	76.8	77.4	77.7	77.7	77.7	78.0	78.0	78.2	78.3	78.5	78.5
GE 900	69.7	74.0	75.4	76.3	78.3	78.5	79.1	79.4	79.4	79.4	79.7	79.7	79.9	80.0	80.2	80.2
GE 800	69.9	74.2	75.9	77.0	79.1	79.3	79.9	80.2	80.2	80.2	80.5	80.5	80.6	80.8	81.0	81.0
GE 700	70.4	74.8	76.5	77.6	79.7	80.0	80.6	81.0	81.0	81.0	81.3	81.3	81.4	81.6	81.7	81.7
GE 600	70.5	75.3	77.0	78.2	80.5	81.0	81.7	82.0	82.0	82.0	82.3	82.3	82.5	82.6	82.8	82.8
GE 500	72.0	78.0	80.0	81.6	83.9	84.3	85.1	86.0	86.0	86.2	86.5	86.5	86.6	86.8	86.9	86.9
GE 400	73.7	80.5	82.6	84.3	86.9	87.6	88.5	89.7	89.7	89.9	90.5	90.5	90.6	90.8	90.9	90.9
GE 300	74.2	81.7	84.0	86.3	88.9	89.6	90.5	92.3	92.5	92.9	94.0	94.0	94.2	94.3	94.6	94.6
GE 200	74.3	81.9	84.2	86.5	89.2	89.9	91.2	93.5	93.7	94.5	96.2	96.3	96.9	97.2	97.6	97.8
GE 100	74.3	81.9	84.2	86.5	89.2	90.2	91.6	93.9	94.0	95.1	96.9	97.1	98.2	98.5	99.2	99.2
GE 0	74.3	81.9	84.2	86.5	89.2	90.2	91.6	93.9	94.0	95.1	96.9	97.1	98.2	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	28.6	29.8	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
GE 20000	31.8	33.0	33.3	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
GE 18000	33.2	34.4	34.7	34.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	
GE 16000	33.3	34.6	34.9	34.9	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
GE 14000	33.6	34.9	35.2	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 12000	33.9	35.2	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 10000	34.3	35.5	35.8	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
GE 9000	35.5	36.9	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
GE 8000	39.8	41.3	41.8	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	
GE 7000	42.9	44.4	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 6000	44.1	45.8	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
GE 5000	44.5	46.5	47.0	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE 4500	45.3	47.3	47.8	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
GE 4000	46.5	49.5	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
GE 3500	49.6	52.7	53.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 3000	51.9	55.1	55.8	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
GE 2500	53.9	57.1	57.8	57.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
GE 2000	56.4	60.7	61.4	61.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 1800	57.6	62.1	62.8	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
GE 1500	59.9	64.8	65.7	65.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	
GE 1200	65.7	72.0	73.7	74.5	76.3	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
GE 1000	67.3	74.0	75.7	76.7	78.6	79.3	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 900	68.5	75.4	77.1	78.0	80.0	80.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 800	68.8	75.9	77.6	78.5	80.6	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 700	69.3	76.3	78.0	79.1	81.3	82.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	
GE 600	70.4	77.4	79.1	80.2	82.3	83.1	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 500	72.4	80.2	82.3	83.7	86.0	86.8	88.0	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 400	74.3	82.9	85.4	87.7	90.6	91.4	92.6	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 300	75.0	83.6	86.2	88.5	92.0	92.8	94.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 200	75.0	83.9	86.6	88.9	92.6	93.5	95.1	95.9	95.9	96.3	97.2	97.4	97.8	97.8	98.2	98.2	
GE 100	75.0	83.9	86.6	88.9	92.8	93.7	95.2	96.0	96.0	96.5	97.8	98.0	98.6	98.6	99.1	99.1	
GE 0	75.0	83.9	86.6	88.9	92.8	93.7	95.2	96.0	96.0	96.5	97.8	98.0	98.8	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	32.0	32.0	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	32.6	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 18000	33.2	34.1	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	33.3	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 14000	33.5	34.4	34.4	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	33.6	34.6	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 10000	34.4	35.3	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 9000	36.4	37.3	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 8000	41.3	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 7000	45.2	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 6000	46.1	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 5000	47.2	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 4500	47.3	48.5	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 4000	48.7	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 3500	50.4	52.4	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 3000	53.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 2500	57.3	59.3	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2000	59.4	62.2	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1800	61.3	64.2	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1600	64.7	68.0	68.2	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1200	71.6	76.5	77.4	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1000	72.4	77.6	78.5	80.0	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 900	73.0	78.2	79.1	80.6	81.1	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 800	73.3	78.6	79.6	81.1	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	73.6	79.0	79.9	81.4	82.0	82.3	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 600	75.0	81.0	81.9	83.4	84.2	84.5	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 500	77.0	83.7	84.8	86.3	87.6	88.0	88.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	79.1	87.6	89.1	91.2	92.6	93.1	93.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	79.1	87.7	89.6	91.9	93.5	94.2	94.9	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.4	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.5	97.7	98.3	98.9	98.9	99.1	99.1	99.1	99.2
GE 0	79.1	87.9	89.7	92.0	93.9	94.5	95.2	97.5	97.7	98.3	99.1	99.1	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(IST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.3	32.6	32.7	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20000	34.9	35.2	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 18000	35.5	35.8	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000	35.8	36.1	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 14000	36.1	36.4	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 12000	36.7	37.0	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 10000	37.6	38.1	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 9000	38.7	39.2	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 8000	44.4	45.0	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 7000	46.5	47.3	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 6000	47.2	47.9	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 5000	48.5	49.5	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 4500	49.2	50.1	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 4000	51.3	52.4	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500	53.8	54.8	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 3000	56.1	57.6	57.8	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 2500	58.7	60.8	61.1	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 2000	62.7	65.1	65.4	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 1800	63.1	65.6	65.9	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	67.1	70.5	71.1	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1200	73.0	77.3	78.8	79.7	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1000	73.4	78.5	80.0	81.1	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 900	73.9	79.0	80.5	81.6	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 800	74.3	79.4	81.0	82.0	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 700	75.6	80.6	82.6	83.7	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 600	76.7	82.0	84.2	85.3	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 500	78.2	83.9	86.0	87.1	88.2	88.5	88.9	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 400	80.2	86.6	89.9	91.1	92.8	93.1	93.5	94.8	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	80.3	87.1	90.8	92.0	94.0	94.3	94.8	96.0	96.3	96.9	97.4	97.4	97.7	97.7	97.7	97.8
GE 200	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.3	98.3	98.6	98.6	98.6	98.8
GE 100	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.5	98.5	98.9	98.9	99.2	99.4
GE 0	80.3	87.1	90.8	92.0	94.0	94.3	94.9	96.3	96.6	97.4	98.5	98.5	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.8	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	33.3	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8
GE 18000	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 16000	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8
GE 14000	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.8	35.8
GE 12000	36.1	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6
GE 10000	37.2	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6
GE 9000	39.3	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8
GE 8000	44.5	45.0	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.5	45.5
GE 7000	48.4	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
GE 6000	48.7	49.2	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6
GE 5000	50.4	50.8	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3
GE 4500	51.6	52.1	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 4000	53.3	53.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2
GE 3500	55.8	56.5	56.7	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3
GE 3000	57.5	58.4	58.5	58.7	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
GE 2500	60.2	61.1	61.3	61.4	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 2000	63.0	64.7	65.0	65.1	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9
GE 1800	63.7	65.4	65.7	65.9	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7
GE 1500	67.7	70.0	70.7	71.0	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
GE 1200	71.6	74.3	75.6	76.5	77.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
GE 1000	72.5	75.7	77.1	78.3	79.0	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 900	73.3	76.5	77.9	79.1	79.7	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0
GE 800	73.7	77.4	78.8	80.0	80.6	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9
GE 700	74.8	78.6	80.2	81.4	82.5	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
GE 600	76.3	80.5	82.0	83.3	84.3	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6
GE 500	78.2	82.5	84.3	85.6	86.6	87.4	88.2	88.5	88.6	88.9	88.9	88.9	88.9	88.9	89.1	89.1
GE 400	79.3	84.5	86.5	87.9	89.2	90.2	91.1	91.4	91.9	92.5	92.8	92.8	92.8	92.8	92.9	92.9
GE 300	79.6	85.9	88.2	90.3	92.3	93.2	94.5	95.2	95.9	96.5	96.8	96.8	96.9	96.9	97.1	97.1
GE 200	79.6	85.9	88.2	90.3	92.3	93.2	94.5	95.4	96.2	96.8	97.7	97.7	97.8	97.8	98.2	98.2
GE 100	79.7	86.0	88.3	90.5	92.5	93.4	94.6	95.5	96.3	96.9	97.8	97.8	98.3	98.3	98.9	98.9
GE 0	79.7	86.0	88.3	90.5	92.5	93.4	94.6	95.5	96.3	96.9	97.8	97.8	98.5	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: MAY HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.8	30.5	30.7	31.0	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5	31.5
GE 20000	31.8	32.5	32.6	32.9	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4
GE 18000	33.1	33.8	33.9	34.2	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7
GE 16000	33.2	33.9	34.1	34.4	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9
GE 14000	33.4	34.1	34.2	34.5	34.8	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0
GE 12000	34.0	34.7	34.9	35.1	35.4	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7
GE 10000	35.2	36.0	36.1	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	36.7	37.5	37.6	37.9	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4
GE 8000	40.9	41.9	42.2	42.4	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0
GE 7000	44.2	45.3	45.5	45.7	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4
GE 6000	45.2	46.2	46.5	46.7	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
GE 5000	46.9	48.1	48.3	48.6	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3
GE 4500	47.9	49.1	49.4	49.6	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4
GE 4000	50.3	51.7	51.9	52.2	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.1	53.1
GE 3500	53.3	55.0	55.3	55.6	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.6	56.6
GE 3000	55.0	56.8	57.2	57.5	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.7	58.7
GE 2500	57.6	59.8	60.2	60.5	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.7	61.7
GE 2000	60.4	63.0	63.6	64.1	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.4	65.4
GE 1800	61.3	64.0	64.6	65.1	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.4	66.4
GE 1500	64.1	67.3	68.0	68.6	69.5	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.1	70.1
GE 1200	68.3	72.5	73.9	74.8	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.7	76.8	76.9	76.9	77.0	77.0
GE 1000	69.3	74.0	75.5	76.5	77.8	78.1	78.4	78.6	78.6	78.6	78.6	78.7	78.7	78.8	78.8	79.0	79.0
GE 900	70.2	75.0	76.5	77.6	79.0	79.3	79.6	79.8	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.2	80.2
GE 800	70.7	75.7	77.3	78.4	79.9	80.2	80.6	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.1	81.2	81.2
GE 700	71.4	76.6	78.3	79.5	81.0	81.4	81.9	82.1	82.1	82.1	82.1	82.2	82.3	82.4	82.4	82.5	82.5
GE 600	72.2	77.8	79.5	80.7	82.4	82.8	83.5	83.7	83.7	83.7	83.8	83.9	84.0	84.0	84.1	84.2	84.2
GE 500	73.7	79.8	81.8	83.2	85.2	85.7	86.5	87.1	87.2	87.4	87.4	87.5	87.6	87.7	87.7	87.8	87.8
GE 400	75.2	82.2	84.6	86.4	88.8	89.3	90.2	91.0	91.1	91.6	92.0	92.1	92.2	92.2	92.2	92.3	92.3
GE 300	75.6	82.9	85.7	87.9	90.6	91.2	92.3	93.4	93.5	94.2	94.9	95.0	95.2	95.3	95.4	95.4	95.4
GE 200	75.6	83.1	85.9	88.2	91.1	91.8	92.9	94.4	94.6	95.4	96.8	96.9	97.4	97.4	97.4	97.7	97.8
GE 100	75.6	83.1	86.0	88.2	91.2	91.9	93.1	94.6	94.8	95.7	97.3	97.4	97.4	98.2	98.2	98.8	99.0
GE 0	75.6	83.1	86.0	88.2	91.2	91.9	93.1	94.6	94.8	95.7	97.4	97.5	98.3	98.5	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	24.8	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.6	25.6	25.6	25.6
GE 18000	24.8	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.6	25.6	25.6	25.6
GE 16000	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.7	25.7	25.7	25.7
GE 14000	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.7	25.7	25.7	25.7
GE 12000	25.2	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	26.0	26.0	26.0	26.0
GE 10000	25.9	25.9	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.3	26.7	26.7	26.7	26.7
GE 9000	27.0	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.8	27.8	27.8	27.8
GE 8000	31.4	31.4	31.4	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	32.2	32.2	32.2	32.2
GE 7000	34.1	34.1	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.9	34.9	34.9	34.9
GE 6000	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.6	35.6	35.6	35.6
GE 5000	35.1	35.1	35.2	35.4	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.3	36.3	36.3	36.3
GE 4500	35.2	35.2	35.4	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.5	36.5	36.5	36.5
GE 4000	36.8	36.8	37.0	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	38.1	38.1	38.1	38.1
GE 3500	43.3	43.3	43.5	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.6	44.6	44.6	44.6
GE 3000	45.2	45.2	45.4	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.2	46.2	46.5	46.5	46.5	46.5
GE 2500	48.4	49.0	49.2	49.4	49.8	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.3	50.3	50.3	50.3
GE 2000	50.3	51.6	51.7	52.4	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.3	53.3	53.3	53.3
GE 1800	51.7	53.0	53.2	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.9	54.9	54.9	54.9
GE 1500	55.2	56.6	57.0	57.9	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	59.0	59.0	59.0	59.0
GE 1200	59.7	61.6	62.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.4	64.4	64.4	64.4
GE 1000	61.3	64.0	64.6	65.9	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.6	67.6	67.6	67.6
GE 900	61.9	64.6	65.2	66.7	67.8	67.9	67.9	67.9	67.9	67.9	68.4	68.4	68.9	68.9	68.9	68.9
GE 800	62.2	65.6	66.2	67.8	68.9	69.0	69.0	69.0	69.0	69.0	69.5	69.5	70.0	70.0	70.0	70.0
GE 700	63.0	67.1	67.8	69.4	70.5	70.6	70.6	70.6	70.6	70.6	71.1	71.1	71.6	71.6	71.6	71.6
GE 600	64.8	70.0	70.8	72.7	74.1	74.3	74.3	74.4	74.4	74.4	75.1	75.1	75.6	75.6	75.6	75.6
GE 500	66.3	72.5	73.5	75.4	77.3	77.5	77.8	77.9	77.9	78.1	78.7	78.7	79.2	79.2	79.2	79.2
GE 400	68.6	76.7	78.6	81.1	83.3	83.5	84.0	84.3	84.3	84.6	85.2	85.2	85.7	85.7	85.7	85.7
GE 300	69.0	77.9	81.1	84.0	87.3	87.5	88.3	88.7	88.7	89.0	89.8	89.8	90.3	90.3	90.3	90.3
GE 200	69.4	78.4	81.9	84.9	89.0	89.4	90.3	91.1	91.1	91.7	93.2	93.2	93.8	93.8	93.8	93.8
GE 100	69.4	78.4	81.9	84.9	89.2	89.5	90.6	91.6	91.6	92.5	95.1	95.1	96.3	96.5	96.8	97.3
GE 0	69.4	78.4	81.9	84.9	89.2	89.5	90.6	91.6	91.6	92.5	95.2	95.2	96.7	96.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.6	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	22.1	22.1	22.1	22.1	22.1	22.1
GE 20000	24.4	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4
GE 18000	24.4	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4
GE 16000	24.6	25.1	25.1	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6
GE 14000	24.6	25.1	25.1	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6
GE 12000	24.8	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7
GE 10000	25.6	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5
GE 9000	27.9	28.4	28.4	28.4	28.7	28.7	28.7	28.7	28.7	28.7	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	31.4	31.9	31.9	31.9	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4
GE 7000	33.8	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8
GE 6000	35.1	35.6	35.6	35.6	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0
GE 5000	35.7	36.3	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0
GE 4500	35.9	36.5	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
GE 4000	38.1	39.2	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	41.7	43.0	43.2	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7
GE 3000	44.1	45.4	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
GE 2500	46.2	48.7	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	48.6	51.6	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 1800	49.7	52.9	53.0	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	52.9	56.0	56.3	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
GE 1200	56.5	60.2	60.6	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6
GE 1000	59.2	64.0	64.4	64.8	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9
GE 900	61.0	65.7	66.5	66.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
GE 800	61.9	67.0	67.8	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2
GE 700	62.5	68.4	69.2	69.7	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0
GE 600	64.1	70.8	71.7	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 500	65.6	72.4	73.5	74.6	76.2	76.3	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 400	67.0	75.9	78.4	80.6	82.7	83.3	83.7	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 300	67.5	77.5	81.0	84.1	86.3	87.3	87.9	88.1	88.1	88.3	88.6	88.6	88.7	88.7	88.9	88.9
GE 200	67.5	77.9	81.7	85.1	87.6	88.6	89.5	90.2	90.3	90.6	91.6	91.6	91.9	91.9	92.1	92.1
GE 100	67.5	78.3	82.1	85.4	87.9	89.0	90.2	91.0	91.1	91.7	94.1	94.1	94.8	94.8	95.9	96.5
GE 0	67.5	78.3	82.1	85.4	87.9	89.0	90.2	91.0	91.1	91.7	94.3	94.3	95.4	95.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 20000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 18000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 16000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 14000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 12000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 10000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 9000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 8000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 7000	32.2	32.4	32.4	32.4	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 6000	32.7	32.9	32.9	32.9	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 5000	34.6	34.9	34.9	34.9	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 4500	35.6	36.3	36.3	36.3	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 4000	37.3	38.4	38.4	38.4	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 3500	39.8	41.1	41.1	41.4	42.1	42.1	42.2	42.2	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 3000	42.9	44.1	44.1	44.4	45.1	45.1	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 2500	46.5	49.2	49.4	49.7	50.5	50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2000	47.9	51.4	51.6	51.9	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 1800	48.4	52.1	52.2	52.5	53.3	53.3	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	50.5	54.1	54.6	55.1	56.2	56.2	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1200	52.7	56.5	57.0	57.6	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 1000	55.4	59.8	60.3	61.0	62.1	62.1	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 900	56.7	61.6	62.1	62.7	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 800	57.8	62.9	63.3	64.0	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 700	58.6	64.3	64.9	65.6	67.0	67.0	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 600	59.7	66.0	66.7	67.6	69.4	69.4	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 500	61.4	68.9	70.2	71.1	73.2	73.3	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 400	63.7	71.9	74.4	75.6	77.9	78.1	79.5	79.5	79.5	80.0	80.2	80.2	80.2	80.2	80.2	80.2
GE 300	65.1	74.3	77.8	80.0	83.7	83.8	85.4	85.6	85.6	86.5	87.0	87.0	87.1	87.1	87.1	87.1
GE 200	65.6	75.2	78.9	81.1	86.2	86.5	88.6	89.0	89.0	90.2	91.3	91.3	91.9	91.9	92.7	92.7
GE 100	65.6	75.6	79.5	81.7	87.0	87.5	90.2	90.6	90.6	91.9	93.7	93.7	95.7	95.7	96.7	96.8
GE 0	65.6	75.6	79.5	81.7	87.0	87.5	90.2	90.6	90.6	91.9	93.7	93.7	95.7	95.7	96.7	96.8

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.3	17.3	17.3	17.3
GE 20000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 18000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 16000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 14000	18.9	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.2	20.2	20.2	20.2
GE 12000	19.8	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.0	21.0	21.1	21.1	21.1	21.1
GE 10000	20.3	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.6	21.6	21.6	21.6
GE 9000	21.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.3	23.3	23.3	23.3
GE 8000	24.8	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.2	26.2	26.3	26.3	26.3	26.3
GE 7000	29.7	31.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.9	31.9	31.9	31.9
GE 6000	29.7	31.4	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.2	32.2	32.2	32.2
GE 5000	31.1	33.0	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.8	33.8	33.8	33.8
GE 4500	32.4	34.4	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.1	35.2	35.2	35.2	35.2
GE 4000	34.8	36.8	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.6	37.6	37.6	37.6
GE 3500	37.6	39.8	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.8	41.0	41.0	41.0	41.0
GE 3000	39.0	41.6	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.7	42.7	42.7	42.7
GE 2500	44.8	47.8	48.3	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.9	48.9	48.9	48.9
GE 2000	46.2	49.2	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.2	50.3	50.3	50.3	50.3
GE 1800	47.0	50.3	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4
GE 1500	48.9	52.9	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.0	54.0
GE 1200	52.5	57.5	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.2	59.2	59.2	59.2
GE 1000	54.9	60.2	61.0	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.9	61.9	61.9	61.9
GE 900	56.3	61.7	62.5	62.7	63.2	63.3	63.7	63.7	63.7	63.7	63.8	63.8	64.0	64.0	64.0	64.3
GE 800	57.9	63.3	64.1	64.3	64.8	64.9	65.4	65.4	65.4	65.4	65.6	65.6	65.7	65.7	65.7	66.0
GE 700	59.2	64.9	65.7	65.9	66.3	66.5	67.0	67.0	67.0	67.0	67.1	67.1	67.3	67.3	67.3	67.6
GE 600	63.3	69.4	70.3	70.8	71.3	71.4	71.9	71.9	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.5
GE 500	66.8	72.5	73.8	74.4	75.1	75.2	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.8
GE 400	69.0	77.1	78.6	79.5	80.6	80.8	82.7	83.0	83.0	83.0	83.3	83.3	83.5	83.5	83.5	83.8
GE 300	69.7	79.2	82.2	83.5	85.4	85.7	88.6	89.0	89.0	89.0	89.7	89.7	89.8	89.8	89.8	90.2
GE 200	70.2	80.0	83.5	85.2	87.3	87.6	90.6	91.3	91.3	91.7	92.5	92.5	93.5	93.5	93.7	94.0
GE 100	70.2	80.3	84.1	85.9	88.3	88.9	92.5	93.3	93.3	93.8	95.2	95.2	97.1	97.1	97.5	98.3
GE 0	70.2	80.3	84.1	85.9	88.3	88.9	92.5	93.3	93.3	93.8	95.6	95.6	97.6	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.3	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.9	18.9	18.9	18.9	18.9	18.9
GE 20000	20.0	21.7	21.7	21.7	22.1	22.1	22.1	22.1	22.1	22.1	22.5	22.5	22.5	22.5	22.5	22.5
GE 18000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 16000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 14000	20.3	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.9	22.9	22.9	22.9	22.9	22.9
GE 12000	21.0	22.7	22.7	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.5	23.5	23.5	23.5	23.5	23.5
GE 10000	21.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.8	23.8	23.8	23.8	23.8	23.8
GE 9000	21.1	24.1	24.1	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.9	24.9	24.9	24.9	24.9	24.9
GE 8000	21.2	25.2	25.2	25.2	25.6	25.6	25.6	25.6	25.6	25.6	26.0	26.0	26.0	26.0	26.0	26.0
GE 7000	25.9	28.1	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.9	28.9	28.9	28.9	28.9	28.9
GE 6000	26.8	29.0	29.0	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.8	29.8	29.8	29.8	29.8	29.8
GE 5000	27.8	30.2	30.2	30.3	30.6	30.6	30.6	30.6	30.6	30.6	31.1	31.1	31.1	31.1	31.1	31.1
GE 4500	29.2	31.6	31.6	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.5	32.5	32.5	32.5	32.5	32.5
GE 4000	31.0	33.7	33.8	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.8	34.8	34.8	34.8	34.8	34.8
GE 3500	35.2	38.6	38.7	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.7	39.7	39.7	39.7	39.7	39.7
GE 3000	37.9	41.9	42.1	42.4	42.7	42.7	42.7	42.7	42.7	42.7	43.2	43.2	43.2	43.2	43.2	43.2
GE 2500	41.9	46.3	46.5	46.6	47.5	47.5	47.5	47.5	47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9
GE 2000	43.2	47.8	48.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5
GE 1800	45.4	50.3	50.8	51.1	51.9	51.9	51.9	51.9	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4
GE 1500	47.6	53.0	53.7	54.0	54.8	54.8	55.1	55.1	55.1	55.1	55.6	55.6	55.6	55.6	55.6	55.6
GE 1200	51.4	57.8	58.4	59.2	60.2	60.6	61.0	61.0	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4
GE 1000	53.0	60.3	61.0	61.7	62.9	63.3	63.7	63.7	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1
GE 900	54.4	62.5	63.2	64.0	65.1	65.6	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3
GE 800	56.5	64.9	65.6	66.3	67.5	67.9	68.3	68.4	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9
GE 700	58.6	67.1	67.8	68.7	69.8	70.3	70.6	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3
GE 600	60.0	70.6	72.1	73.0	74.1	74.8	75.1	75.2	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7
GE 500	63.7	74.9	76.5	77.5	78.6	79.4	80.2	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8
GE 400	67.3	79.8	81.9	82.9	84.6	85.7	87.0	87.3	87.3	87.3	87.9	87.9	87.9	87.9	87.9	87.9
GE 300	67.9	82.1	84.3	85.6	87.3	88.4	90.6	91.0	91.0	91.0	91.9	91.9	91.9	91.9	91.9	91.9
GE 200	68.4	83.3	85.9	87.1	90.2	91.6	94.0	94.4	94.6	94.6	96.3	96.3	96.5	96.7	96.7	96.7
GE 100	64.4	83.7	86.3	87.6	91.3	92.7	95.2	96.0	96.3	96.3	98.6	98.6	98.9	99.0	99.0	99.2
GE 0	68.4	83.7	86.3	87.6	91.3	92.7	95.2	96.0	96.3	96.3	98.7	98.7	99.0	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.6	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 20000	14.5	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 18000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 16000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 14000	14.7	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 12000	14.9	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 10000	15.9	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 9000	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 8000	18.8	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 7000	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 6000	20.4	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 5000	21.9	22.6	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4500	22.6	23.3	23.4	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 4000	26.3	27.0	27.2	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 3500	30.0	31.6	31.9	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 3000	32.7	34.7	34.9	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 2500	36.0	39.0	39.2	39.4	39.5	39.5	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 2000	39.5	42.6	42.9	43.4	43.5	43.5	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 1800	40.9	44.1	44.4	44.9	45.0	45.3	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 1500	43.1	47.0	47.6	48.3	48.4	48.6	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 1200	51.1	56.6	57.3	58.1	58.2	58.6	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1000	52.4	58.1	58.7	59.7	60.1	60.6	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 900	53.9	59.8	60.5	61.4	61.8	62.4	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 800	55.5	62.1	62.8	63.7	64.2	64.8	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 700	57.0	64.2	64.9	65.9	66.9	67.5	68.5	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 600	58.5	66.3	67.2	68.1	69.9	70.4	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 500	60.8	69.6	71.2	72.2	74.3	74.9	76.9	77.2	77.3	77.6	77.8	77.8	77.8	77.8	77.8	77.8
GE 400	62.8	73.3	76.3	77.8	81.3	82.0	84.7	85.2	85.3	85.8	87.4	87.4	87.4	87.4	87.4	87.5
GE 300	63.6	74.6	78.1	79.8	84.8	85.5	88.3	89.0	89.1	89.8	91.9	91.9	92.2	92.3	92.3	92.5
GE 200	63.8	75.0	78.5	80.2	85.5	86.2	89.5	90.5	90.6	91.7	95.0	95.0	95.6	95.7	96.9	97.3
GE 100	63.8	75.0	78.5	80.2	85.5	86.2	89.7	90.7	90.9	92.1	96.0	96.0	96.6	96.8	98.1	99.2
GE 0	63.8	75.0	78.5	80.2	85.5	86.2	89.7	90.7	90.9	92.1	96.1	96.1	96.8	96.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.1	14.9	15.0	15.0	15.0	15.0	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3
GE 20000	15.4	16.2	16.3	16.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6
GE 18000	15.6	16.5	16.6	16.6	16.6	16.6	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9
GE 16000	15.7	16.6	16.7	16.7	16.7	16.7	16.8	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0
GE 14000	15.8	16.7	16.8	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1
GE 12000	16.3	17.1	17.2	17.3	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6
GE 10000	17.1	18.0	18.1	18.1	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.5	18.5
GE 9000	17.8	18.7	18.7	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1
GE 8000	19.5	20.4	20.5	20.5	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.9	20.9
GE 7000	20.9	21.9	22.0	22.1	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4
GE 6000	21.6	22.7	22.8	22.9	22.9	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2
GE 5000	22.9	24.0	24.1	24.2	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5
GE 4500	23.4	24.6	24.7	24.8	24.8	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.1
GE 4000	25.8	27.1	27.2	27.4	27.4	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.7	27.7
GE 3500	28.9	30.8	31.0	31.2	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6
GE 3000	30.2	32.3	32.5	32.7	32.8	32.8	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1
GE 2500	33.1	35.5	35.8	36.0	36.2	36.2	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5
GE 2000	35.8	38.6	38.9	39.2	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.7	39.7
GE 1800	36.8	39.8	40.1	40.4	40.6	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9
GE 1500	38.4	42.1	42.4	42.6	43.0	43.0	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4
GE 1200	43.0	47.3	48.0	48.6	49.1	49.2	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8
GE 1000	45.2	49.9	50.8	51.4	52.0	52.1	52.3	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8
GE 900	47.2	52.5	53.4	54.1	54.7	54.8	55.1	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5
GE 800	48.5	54.0	55.1	55.8	56.5	56.6	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3
GE 700	50.4	56.2	57.2	58.2	59.0	59.1	59.3	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.8
GE 600	53.0	59.4	60.6	61.6	62.4	62.5	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2
GE 500	56.0	63.4	64.9	66.2	67.6	67.8	68.2	68.5	68.5	68.7	68.7	68.7	68.7	68.8	68.8	68.8
GE 400	60.2	70.3	72.8	74.7	76.9	77.2	77.9	78.2	78.2	78.6	78.7	78.7	78.7	78.8	78.8	78.8
GE 300	61.4	73.0	76.3	78.7	82.2	82.6	83.7	84.4	84.5	85.3	85.8	85.8	86.0	86.1	86.1	86.1
GE 200	61.8	74.4	78.0	80.8	85.3	85.8	87.5	88.7	88.8	90.1	91.5	91.5	92.1	92.1	92.5	92.6
GE 100	61.9	74.8	78.5	81.3	86.1	86.6	88.4	89.9	90.1	91.7	94.2	94.4	95.7	95.8	96.9	97.9
GE 0	61.9	74.8	78.5	81.3	86.1	86.6	88.4	89.9	90.1	91.7	94.4	94.6	96.1	96.3	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.3	14.9	14.9	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 20000	17.1	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 18000	17.2	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 16000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 14000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 12000	17.5	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 10000	18.7	19.5	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 9000	19.8	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 8000	21.2	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	22.7	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 6000	23.7	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 5000	24.4	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 4500	24.6	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 4000	27.2	28.7	28.7	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 3500	29.4	30.6	30.6	30.7	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 3000	30.3	32.4	32.4	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 2500	35.2	37.9	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 2000	37.2	40.7	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 1800	37.8	41.3	41.3	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 1500	39.8	43.3	43.3	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 1200	46.1	49.8	50.2	50.7	51.3	51.5	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9
GE 1000	49.3	53.0	53.5	54.1	54.8	55.0	55.1	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 900	51.8	55.8	56.4	57.0	57.9	58.1	58.2	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.8
GE 800	52.7	56.7	57.5	58.1	59.0	59.1	59.3	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9
GE 700	54.8	59.1	59.9	60.8	61.6	61.9	62.1	62.4	62.4	62.5	62.5	62.5	62.7	62.7	62.7
GE 600	58.2	62.5	63.3	64.5	65.4	65.6	65.7	66.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4
GE 500	61.3	66.1	66.8	68.2	69.7	69.9	70.4	70.7	70.7	71.0	71.0	71.0	71.1	71.1	71.1
GE 400	65.7	73.3	76.0	78.0	80.3	80.6	81.4	81.7	81.7	82.3	82.5	82.5	82.6	82.6	82.6
GE 300	66.5	75.9	79.4	81.9	85.1	85.4	86.2	86.5	86.5	87.9	88.6	88.6	88.9	88.9	88.9
GE 200	66.8	77.1	80.8	83.9	88.2	88.6	90.0	90.3	90.3	92.0	93.4	93.5	93.9	93.9	94.0
GE 100	66.8	77.1	81.0	84.0	88.6	89.1	91.1	91.7	91.7	93.7	96.3	96.5	97.7	97.7	98.8
GE 0	66.8	77.1	81.0	84.0	88.6	89.1	91.1	91.7	91.7	93.7	96.5	96.6	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	13.8	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
GE 20000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	
GE 18000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	
GE 16000	15.1	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	
GE 14000	15.5	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	
GE 12000	16.9	18.1	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	
GE 10000	17.7	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	
GE 9000	18.7	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	
GE 8000	20.3	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	
GE 7000	22.0	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	
GE 6000	22.7	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	
GE 5000	24.7	26.1	26.1	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	
GE 4500	25.0	26.4	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	
GE 4000	27.0	28.4	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	
GE 3500	29.6	31.0	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	
GE 3000	30.6	32.1	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	
GE 2500	34.6	36.4	36.6	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
GE 2000	38.4	40.7	40.9	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
GE 1800	39.9	42.2	42.4	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
GE 1500	41.6	44.1	44.2	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
GE 1200	47.0	49.8	50.2	51.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
GE 1000	48.4	51.5	52.2	53.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
GE 900	51.0	54.5	55.5	56.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
GE 800	51.9	55.5	56.4	57.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	
GE 700	53.6	57.3	58.2	59.1	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
GE 600	58.5	62.8	63.7	64.7	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE 500	63.9	68.8	69.9	70.8	72.4	72.4	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 400	69.0	77.0	78.6	80.2	83.1	83.4	83.7	84.0	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6	
GE 300	70.2	80.8	81.9	85.6	89.2	89.6	90.0	90.5	90.5	91.4	92.0	92.0	92.0	92.0	92.0	92.0	
GE 200	70.5	81.3	84.6	86.8	91.1	91.4	92.2	93.1	93.1	94.2	95.5	95.5	95.7	95.7	95.7	95.7	
GE 100	70.5	81.4	84.9	87.1	91.6	91.9	92.8	93.9	93.9	95.2	98.2	98.2	98.9	99.1	99.2	99.7	
GE 0	70.5	81.4	84.9	87.1	91.6	91.9	92.8	93.9	93.9	95.2	98.2	98.2	99.1	99.2	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 20000	15.8	16.7	16.7	16.7	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 18000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 16000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 14000	16.0	16.9	16.9	16.9	16.9	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 12000	16.3	17.2	17.2	17.2	17.2	17.2	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	17.4	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 9000	17.5	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 8000	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 7000	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 6000	20.0	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 5000	21.4	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500	22.0	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4000	25.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 3500	29.2	30.4	30.4	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 3000	29.5	31.0	31.0	31.3	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 2500	31.8	33.3	33.8	34.1	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 2000	35.9	37.6	38.1	38.4	38.6	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 1800	36.9	38.6	39.0	39.3	39.5	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 1500	38.9	41.3	41.8	42.1	42.2	42.4	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 1200	43.9	47.3	48.2	48.5	49.2	49.3	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 1000	47.9	52.2	53.1	53.5	54.1	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 900	50.4	55.1	56.1	56.4	57.0	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 800	52.2	57.0	58.1	58.4	59.0	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 700	54.5	60.1	61.1	61.4	62.2	62.4	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 600	56.5	62.5	64.1	64.4	65.1	65.3	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 500	60.5	67.6	69.3	69.7	70.8	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 400	66.8	77.9	81.1	81.9	83.6	83.7	84.5	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 300	68.8	81.9	85.6	86.8	89.4	89.6	90.5	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 200	69.6	83.7	87.4	88.9	92.3	92.6	93.7	94.6	94.6	95.1	95.9	95.9	96.0	96.0	96.0	96.0
GE 100	69.7	83.9	88.0	89.6	93.1	93.5	94.6	95.5	95.5	96.3	97.7	97.8	98.6	98.6	99.1	99.5
GE 0	69.7	83.9	88.0	89.6	93.1	93.5	94.6	95.5	95.5	96.3	97.7	97.8	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 792120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 20000	15.4	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 18000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 16000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 14000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 12000	15.7	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
GE 10000	16.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 9000	17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 8000	18.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 7000	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 6000	20.3	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 5000	23.2	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 4500	24.0	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 4000	26.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 3500	28.6	30.3	30.3	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	30.4	32.3	32.3	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2500	31.8	33.8	33.8	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 2000	34.9	37.0	37.0	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 1800	35.6	37.9	37.9	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 1500	37.3	40.9	40.9	41.3	41.3	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 1200	41.5	45.6	46.2	46.7	46.9	47.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 1000	43.6	48.2	48.8	49.6	49.9	50.1	50.5	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 900	45.9	51.2	51.8	52.5	52.8	53.0	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 800	47.0	52.7	53.3	54.1	54.5	54.7	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 700	49.0	55.3	55.9	56.7	57.1	57.3	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 600	51.5	58.8	59.6	60.4	61.0	61.1	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 500	56.2	64.7	66.2	67.6	68.5	68.7	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 400	60.8	72.5	74.7	76.2	77.9	78.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 300	62.2	76.5	79.0	80.8	83.3	83.4	85.3	85.6	85.6	86.3	86.9	86.9	87.3	87.3	87.3	87.3
GE 200	63.0	78.5	81.3	83.9	87.4	87.7	89.9	90.8	90.9	91.9	92.9	92.9	93.4	93.4	93.5	93.5
GE 100	63.0	78.8	81.6	84.2	87.7	88.0	90.5	92.0	92.3	93.4	95.4	95.4	96.3	96.3	96.8	97.7
GE 0	63.0	78.8	81.6	84.2	87.7	88.0	90.5	92.0	92.3	93.4	95.5	95.9	96.9	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.7	13.1	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.8	13.8	14.0	14.0
GE 20000	13.5	13.8	14.1	14.1	14.1	14.1	14.1	14.3	14.3	14.3	14.3	14.3	14.6	14.6	14.7	14.7
GE 18000	14.1	14.4	14.7	14.7	14.7	14.7	14.7	14.9	14.9	14.9	14.9	14.9	15.2	15.2	15.4	15.4
GE 16000	14.3	14.6	14.9	14.9	14.9	14.9	14.9	15.1	15.1	15.1	15.1	15.1	15.4	15.4	15.5	15.5
GE 14000	14.4	14.7	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.5	15.5	15.7	15.7
GE 12000	14.7	15.1	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.8	15.8	16.0	16.0
GE 10000	15.5	15.8	16.1	16.1	16.1	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.6	16.6	16.7	16.7
GE 9000	15.7	16.0	16.3	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.7	16.7	16.9	16.9
GE 8000	17.2	17.5	17.8	17.8	17.8	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.3	18.3	18.4	18.4
GE 7000	18.4	18.7	19.0	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.5	19.5	19.7	19.7
GE 6000	19.2	19.7	20.0	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.6	20.6	20.7	20.7
GE 5000	21.4	21.8	22.1	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.7	22.7	22.9	22.9
GE 4500	22.0	22.4	22.7	22.9	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.3	23.3	23.5	23.5
GE 4000	23.8	24.3	24.6	24.7	24.7	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.3	25.3	25.5	25.5
GE 3500	27.5	28.4	28.7	28.9	29.0	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.8	29.8
GE 3000	28.3	29.3	29.6	29.8	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.6	30.6	30.7	30.7
GE 2500	30.7	31.8	32.3	32.4	32.6	32.7	32.7	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.3	33.3
GE 2000	33.3	34.6	35.0	35.2	35.3	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.9	35.9	36.1	36.1
GE 1800	34.3	35.6	36.1	36.3	36.4	36.6	36.6	36.7	36.7	36.7	36.7	36.7	37.0	37.0	37.2	37.2
GE 1500	35.9	38.1	38.6	38.9	39.2	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.8	39.8	39.9	39.9
GE 1200	38.9	42.5	43.8	44.1	44.4	44.5	44.5	44.7	44.7	44.9	44.9	44.9	45.2	45.2	45.3	45.3
GE 1000	40.7	45.3	46.7	47.2	47.5	47.6	47.6	47.8	47.8	48.1	48.1	48.1	48.4	48.4	48.5	48.5
GE 900	42.7	48.1	49.6	50.1	50.4	50.5	50.5	50.7	50.7	51.0	51.0	51.0	51.3	51.3	51.5	51.5
GE 800	43.9	49.3	50.8	51.3	51.6	51.8	51.8	51.9	51.9	52.2	52.2	52.2	52.5	52.5	52.7	52.7
GE 700	45.3	51.0	52.5	53.1	53.6	53.8	53.8	53.9	53.9	54.2	54.2	54.2	54.5	54.5	54.7	54.7
GE 600	47.5	53.9	55.6	56.2	56.7	56.8	56.8	57.0	57.0	57.3	57.3	57.3	57.6	57.6	57.8	57.8
GE 500	49.5	57.9	59.8	60.8	61.8	61.9	61.9	62.1	62.1	62.7	62.7	62.7	63.0	63.0	63.1	63.1
GE 400	54.1	66.1	68.7	70.0	71.4	71.6	72.2	72.4	72.4	73.4	73.4	73.4	73.7	73.7	73.9	73.9
GE 300	54.8	68.5	71.7	73.4	76.2	76.5	78.2	79.0	79.3	81.0	81.0	81.0	81.3	81.3	81.4	81.4
GE 200	55.1	70.8	75.0	77.1	80.6	81.0	83.3	84.5	84.9	88.2	88.8	88.8	89.6	89.6	89.9	89.9
GE 100	55.3	71.4	75.6	77.7	81.4	81.9	84.3	85.9	86.3	90.2	92.8	92.9	94.8	95.2	96.3	97.8
GE 0	55.3	71.4	75.6	77.7	81.4	81.9	84.3	85.9	86.3	90.2	92.9	93.1	95.4	95.9	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(LST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	13.2	14.1	14.1	14.1	14.1	14.1	14.3	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.7	14.7
GE 20000	14.0	15.2	15.2	15.2	15.2	15.2	15.4	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.8	15.8
GE 18000	14.4	15.8	15.8	16.0	16.0	16.0	16.1	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.7	16.7
GE 16000	14.4	15.8	15.8	16.0	16.0	16.0	16.1	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.7	16.7
GE 14000	14.7	16.1	16.1	16.3	16.3	16.3	16.4	16.7	16.7	16.9	16.9	16.9	16.9	16.9	17.1	17.1
GE 12000	15.7	17.1	17.1	17.2	17.2	17.2	17.4	17.7	17.7	17.8	17.8	17.8	17.8	17.8	18.0	18.0
GE 10000	15.8	17.2	17.2	17.4	17.4	17.4	17.5	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.1	18.1
GE 9000	16.1	17.5	17.5	17.7	17.7	17.7	17.8	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.4	18.4
GE 8000	18.4	20.0	20.0	20.1	20.1	20.1	20.3	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.9	20.9
GE 7000	20.7	22.6	22.6	22.9	22.9	22.9	23.0	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.7	23.7
GE 6000	21.7	23.7	23.7	24.1	24.1	24.1	24.3	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.9	24.9
GE 5000	22.4	24.4	24.4	24.9	24.9	24.9	25.0	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.7	25.7
GE 4500	23.2	25.2	25.2	25.7	25.7	25.7	25.8	26.1	26.1	26.3	26.3	26.3	26.3	26.3	26.4	26.4
GE 4000	24.9	27.0	27.0	27.5	27.5	27.5	27.6	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.3	28.3
GE 3500	28.7	31.5	31.6	32.3	32.4	32.4	32.6	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.2	33.2
GE 3000	30.6	33.8	33.9	34.6	34.7	34.7	34.9	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 2500	33.5	36.7	36.9	37.5	37.6	37.6	37.8	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.4	38.4
GE 2000	35.6	39.2	39.3	39.9	40.1	40.1	40.2	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.9	40.9
GE 1800	36.9	40.4	40.6	41.2	41.3	41.3	41.5	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.1	42.1
GE 1500	38.4	42.7	43.0	43.6	43.8	43.8	43.9	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.5	44.5
GE 1200	41.0	46.1	46.7	47.5	47.8	47.8	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.5	48.5
GE 1000	42.9	48.1	48.7	49.5	50.1	50.1	50.2	50.7	50.7	50.8	50.8	50.8	50.8	50.8	51.0	51.0
GE 900	44.2	49.8	50.4	51.2	51.9	51.9	52.1	52.7	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.0
GE 800	45.6	51.3	52.1	52.8	53.6	53.6	53.8	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.7	54.7
GE 700	47.3	53.1	53.9	55.0	55.9	55.9	56.1	56.7	56.7	56.8	56.8	56.8	56.8	56.8	57.0	57.0
GE 600	49.0	55.1	56.1	57.5	58.4	58.4	58.5	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.4	59.4
GE 500	50.4	57.8	59.1	61.4	63.3	63.6	64.4	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 400	52.8	61.9	63.9	66.5	69.1	69.4	70.5	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.6	71.6
GE 300	54.1	63.9	66.7	69.9	74.8	75.3	77.1	78.3	78.8	79.1	79.4	79.4	79.6	79.6	79.7	79.7
GE 200	54.5	65.3	68.4	72.2	78.3	78.8	81.3	83.7	84.5	85.4	87.1	87.1	87.4	87.4	88.5	88.6
GE 100	54.8	65.9	69.1	73.3	79.7	80.3	82.8	85.6	86.3	87.9	90.3	90.6	91.7	91.9	94.5	95.9
GE 0	54.8	65.9	69.1	73.3	79.7	80.3	82.8	85.6	86.3	87.9	90.8	91.1	92.3	92.6	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.7	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.9	16.9
GE 20000	15.8	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.8	17.8	17.8	17.8	17.8	17.8	18.0	18.1	18.1
GE 18000	16.0	17.4	17.5	17.5	17.5	17.5	17.5	17.5	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.3	18.3
GE 16000	16.4	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.7	18.7
GE 14000	16.4	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.4	18.4	18.4	18.4	18.4	18.4	18.6	18.7	18.7
GE 12000	16.7	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.7	18.7	18.7	18.7	18.7	18.7	18.9	19.0	19.0
GE 10000	16.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.9	18.9	18.9	18.9	18.9	18.9	19.0	19.2	19.2
GE 9000	18.1	19.5	19.7	19.7	19.7	19.7	19.7	19.7	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.4	20.4
GE 8000	20.3	21.7	21.8	21.8	21.8	21.8	21.8	21.8	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.6	22.6
GE 7000	22.0	23.3	23.7	23.7	23.7	23.7	23.7	23.7	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.4	24.4
GE 6000	22.0	23.5	23.8	23.8	23.8	23.8	23.8	23.8	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.6	24.6
GE 5000	22.3	23.8	24.1	24.1	24.1	24.1	24.1	24.1	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.9	24.9
GE 4500	22.6	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.2	25.2
GE 4000	25.2	27.2	27.5	27.6	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.1	28.1	28.1	28.3	28.4	28.4
GE 3500	28.9	32.6	33.0	33.3	33.3	33.3	33.3	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.9	34.1	34.1
GE 3000	30.4	34.3	34.7	35.0	35.0	35.0	35.0	35.0	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.8	35.8
GE 2500	32.6	36.9	37.3	37.6	37.6	37.6	37.6	37.6	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.4	38.4
GE 2000	34.4	39.0	39.5	39.8	39.8	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.6	40.6
GE 1800	35.5	40.9	41.3	41.6	41.6	41.6	41.6	41.6	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.4	42.4
GE 1500	36.9	43.3	43.8	44.2	44.2	44.2	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.9	45.0	45.0
GE 1200	41.5	48.5	49.3	49.8	50.4	50.5	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.5	51.5
GE 1000	43.0	50.4	51.5	51.9	52.7	52.8	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.8	53.8
GE 900	43.8	51.8	53.1	53.8	54.5	54.7	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.6	55.6
GE 800	45.6	54.7	56.1	56.7	57.5	57.6	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.5	58.5
GE 700	47.6	57.1	58.5	59.1	59.9	60.1	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	61.0	61.0
GE 600	49.5	59.6	61.1	61.8	62.5	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.7	63.7
GE 500	51.0	61.9	64.1	64.8	66.4	66.8	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9
GE 400	53.3	65.3	68.2	70.2	72.7	73.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5	74.5
GE 300	54.7	66.8	70.8	73.1	77.6	78.5	79.6	81.0	81.0	81.3	81.9	81.9	81.9	82.5	82.6	82.8	82.8
GE 200	54.8	67.6	72.0	74.5	80.0	81.0	83.1	84.9	84.9	85.7	88.2	88.2	88.2	89.4	89.6	90.8	91.1
GE 100	55.0	68.0	72.5	75.1	81.3	82.2	84.3	86.3	86.5	87.6	90.5	90.6	92.3	92.5	95.1	96.5	
GE 01	55.0	68.0	72.5	75.1	81.3	82.2	84.3	86.3	86.5	87.6	90.5	90.6	92.3	92.5	95.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUL HOURS(IST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	15.1	15.4	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 20000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 18000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 16000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 14000	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 12000	16.7	17.1	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 10000	18.1	18.6	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 9000	19.0	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 8000	21.4	21.8	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	22.4	22.9	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 6000	23.0	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 5000	23.5	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 4500	24.1	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 4000	26.4	26.9	27.0	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 3500	30.3	31.6	31.8	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 3000	31.5	33.2	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 2500	35.0	37.2	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 2000	37.0	39.9	40.4	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 1800	37.8	41.3	41.8	42.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 1500	38.7	43.0	43.5	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 1200	44.2	48.8	49.6	50.2	50.8	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1000	45.8	50.8	51.6	52.4	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 900	48.1	53.5	54.4	55.3	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 800	49.3	55.1	56.4	57.9	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 700	50.7	56.5	57.8	59.9	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 600	53.3	59.9	61.3	63.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 500	55.5	62.2	63.9	66.1	68.0	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 400	59.3	68.2	71.0	74.7	77.3	77.3	78.0	78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8
GE 300	59.8	70.0	73.6	77.9	82.2	82.3	83.1	83.9	83.9	83.9	84.0	84.9	84.9	85.1	85.1	85.1
GE 200	60.1	71.1	74.8	79.3	84.5	84.9	86.3	87.3	87.3	87.3	88.0	90.0	90.0	91.6	91.6	91.7
GE 100	60.1	71.4	75.1	79.6	85.1	85.6	87.1	88.2	88.2	88.2	89.2	92.8	92.9	95.1	95.1	96.5
GE 0	60.1	71.4	75.1	79.6	85.1	85.6	87.1	88.2	88.2	88.2	89.2	92.9	93.2	95.5	95.7	97.2

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.7	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.6	20.8	20.8	20.8	20.8	20.8	20.8
GE 20000	22.6	23.3	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.8
GE 18000	22.8	23.5	23.6	23.6	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 16000	22.9	23.7	23.7	23.8	23.9	23.9	23.9	23.9	23.9	24.1	24.1	24.2	24.2	24.2	24.2	24.2
GE 14000	22.9	23.7	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.2
GE 12000	23.4	24.2	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.6	24.6	24.7	24.7	24.7	24.7
GE 10000	24.0	24.8	24.8	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.3	25.3	25.3	25.3	25.3	25.3
GE 9000	25.3	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.6	26.6	26.7	26.7	26.7	26.7
GE 8000	28.1	29.0	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.6	29.6	29.6	29.6
GE 7000	31.0	32.1	32.1	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.7	32.7	32.7	32.7
GE 6000	31.5	32.6	32.7	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.3	33.3	33.3	33.3
GE 5000	32.5	33.7	33.8	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.5	34.5	34.5	34.5
GE 4500	33.4	34.7	34.8	34.9	35.2	35.2	35.2	35.2	35.2	35.3	35.5	35.5	35.6	35.6	35.6	35.6
GE 4000	35.5	36.9	37.0	37.1	37.4	37.4	37.4	37.4	37.4	37.5	37.7	37.7	37.8	37.8	37.8	37.8
GE 3500	40.1	41.7	41.9	42.0	42.4	42.4	42.4	42.4	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8
GE 3000	42.3	44.1	44.3	44.4	44.8	44.8	44.8	44.8	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2
GE 2500	45.8	48.2	48.4	48.6	49.0	49.0	49.1	49.1	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	47.8	50.5	50.7	50.9	51.3	51.4	51.4	51.4	51.4	51.5	51.7	51.7	51.8	51.8	51.8	51.8
GE 1800	48.9	51.9	52.2	52.5	52.9	52.9	53.0	53.0	53.0	53.1	53.3	53.3	53.4	53.4	53.4	53.4
GE 1500	51.6	54.9	55.3	55.6	56.2	56.2	56.3	56.3	56.3	56.4	56.6	56.6	56.7	56.7	56.7	56.7
GE 1200	55.4	59.3	59.9	60.4	61.1	61.2	61.3	61.4	61.4	61.6	61.8	61.8	61.8	61.9	61.9	61.9
GE 1000	57.3	61.9	62.6	63.1	64.0	64.2	64.4	64.4	64.5	64.7	64.9	64.9	65.0	65.0	65.0	65.0
GE 900	58.8	63.7	64.5	65.1	66.1	66.4	66.6	66.6	66.7	66.9	67.2	67.2	67.3	67.3	67.3	67.3
GE 800	59.9	65.0	65.8	66.4	67.4	67.7	67.9	68.0	68.1	68.3	68.6	68.6	68.7	68.7	68.7	68.7
GE 700	61.1	66.8	67.6	68.4	69.4	69.7	69.9	70.0	70.1	70.3	70.6	70.6	70.6	70.7	70.7	70.7
GE 600	63.0	69.5	70.5	71.4	72.6	72.9	73.2	73.4	73.4	73.7	73.9	73.9	74.0	74.0	74.0	74.1
GE 500	65.9	73.3	74.6	75.6	76.9	77.4	78.0	78.1	78.2	78.6	78.9	78.9	78.9	79.0	79.0	79.0
GE 400	68.4	77.4	79.4	80.9	82.7	83.3	84.2	84.5	84.5	85.0	85.5	85.5	85.6	85.6	85.6	85.7
GE 300	69.2	79.5	82.4	84.4	86.9	87.5	89.0	89.3	89.4	90.0	90.7	90.7	90.8	90.8	90.8	90.9
GE 200	69.5	80.3	83.4	85.6	88.9	89.6	91.3	91.9	92.1	93.0	94.2	94.2	94.5	94.6	94.7	94.8
GE 100	69.5	80.5	83.7	86.0	89.5	90.4	92.4	93.1	93.2	94.3	96.5	96.6	97.4	97.5	97.8	98.1
GE 0	69.5	80.5	83.7	86.0	89.5	90.4	92.4	93.1	93.2	94.3	96.7	96.8	97.8	97.9	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5040

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.5	22.7	22.7	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3
GE 20000	26.2	26.3	26.3	26.5	26.8	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.0	27.0	27.0	27.0
GE 18000	26.5	26.7	26.7	26.8	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3
GE 16000	27.0	27.1	27.1	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8
GE 14000	27.0	27.1	27.1	27.3	27.6	27.6	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8
GE 12000	27.1	27.3	27.3	27.5	27.8	27.8	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9
GE 10000	27.5	27.6	27.6	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.3
GE 9000	28.9	29.0	29.0	29.2	29.5	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7
GE 8000	32.5	32.9	32.9	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5
GE 7000	34.6	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9
GE 6000	34.6	35.1	35.1	35.2	35.6	35.6	35.6	35.6	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9
GE 5000	35.6	36.0	36.0	36.2	36.5	36.5	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8
GE 4500	36.3	36.8	36.8	37.0	37.3	37.3	37.5	37.5	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8
GE 4000	38.4	38.9	38.9	39.0	39.4	39.4	39.5	39.5	39.5	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	44.1	44.6	44.6	44.8	45.1	45.1	45.2	45.2	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6
GE 3000	45.7	46.2	46.2	46.3	46.7	46.7	46.8	46.8	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1
GE 2500	47.6	48.6	48.6	48.7	49.0	49.0	49.2	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 2000	50.2	51.1	51.1	51.3	51.6	51.6	51.7	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1
GE 1800	51.1	52.4	52.4	52.5	52.9	52.9	53.0	53.0	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3
GE 1500	53.7	55.4	55.6	55.7	56.2	56.2	56.3	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7
GE 1200	57.5	59.8	60.3	60.5	61.1	61.1	61.3	61.4	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 1000	59.6	61.7	62.2	62.4	63.3	63.3	63.7	63.8	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 900	59.8	63.2	63.8	64.1	65.1	65.1	65.4	65.6	66.0	66.5	66.7	66.7	66.7	66.7	66.7	66.7
GE 800	60.5	64.0	64.6	64.9	65.9	65.9	66.2	66.3	66.8	67.3	67.5	67.5	67.5	67.5	67.5	67.5
GE 700	62.2	66.8	67.6	68.1	69.0	69.0	69.4	69.5	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 600	64.8	69.7	70.5	71.0	72.1	72.2	72.7	72.9	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0
GE 500	67.3	73.8	74.6	75.4	76.7	76.8	77.3	77.5	77.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 400	69.2	78.1	79.5	81.1	82.9	83.0	83.7	83.8	84.3	85.2	85.9	85.9	85.9	85.9	85.9	85.9
GE 300	70.2	80.3	82.5	84.8	87.1	87.3	88.4	88.6	89.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6
GE 200	70.3	80.5	82.9	85.6	89.0	89.4	90.8	91.3	91.7	92.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 100	70.3	80.5	82.9	85.6	89.5	89.8	91.4	91.9	92.4	93.7	97.5	97.6	97.8	97.8	97.9	97.9
GE 0	70.3	80.5	82.9	85.6	89.5	89.8	91.4	91.9	92.4	93.7	97.5	97.6	98.3	98.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 20000	24.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 18000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 16000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 14000	24.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 12000	24.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 10000	25.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 9000	25.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 8000	27.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 7000	31.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 6000	31.7	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 5000	32.5	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 4500	33.7	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 4000	36.5	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 3500	42.7	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 3000	44.9	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 2500	47.1	49.4	49.4	49.4	49.4	49.5	49.7	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 2000	49.5	51.7	51.7	51.7	51.7	51.9	52.1	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 1800	50.5	53.0	53.0	53.2	53.2	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1500	54.0	56.7	56.7	56.8	57.0	57.1	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 1200	58.4	61.9	62.1	62.4	62.9	63.0	63.3	63.5	63.5	64.0	64.0	64.0	64.0	64.1	64.1	64.1
GE 1000	59.4	63.3	63.7	64.3	64.9	65.6	65.9	66.0	66.0	66.8	66.8	66.8	66.8	67.0	67.0	67.0
GE 900	61.3	65.7	66.2	66.8	67.9	68.6	68.9	69.0	69.0	69.8	69.8	69.8	69.8	70.0	70.0	70.0
GE 800	62.4	66.8	67.3	68.1	69.4	70.0	70.3	70.5	70.5	71.3	71.3	71.3	71.3	71.4	71.4	71.4
GE 700	63.5	68.1	68.6	69.5	70.8	71.4	71.7	71.9	71.9	72.7	72.7	72.7	72.7	72.9	72.9	72.9
GE 600	65.1	70.2	70.6	71.6	72.9	73.7	74.1	74.3	74.3	75.1	75.1	75.1	75.1	75.2	75.2	75.2
GE 500	69.5	75.6	76.5	77.6	78.9	79.7	80.2	80.3	80.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7
GE 400	71.4	79.5	81.0	82.7	84.3	85.1	85.6	85.7	85.7	87.1	87.5	87.5	87.5	87.6	87.6	87.6
GE 300	72.1	82.1	84.1	86.3	89.0	89.8	90.8	91.1	91.3	92.7	93.2	93.2	93.2	93.3	93.3	93.3
GE 200	72.4	82.9	85.2	87.5	90.6	91.4	92.7	93.2	93.5	95.6	96.3	96.3	96.3	96.5	96.5	96.5
GE 100	72.4	83.0	85.6	87.8	91.4	92.2	93.7	94.3	94.6	97.1	99.4	99.4	99.5	99.7	99.7	99.7
GE 0	72.4	83.0	85.6	87.8	91.4	92.2	93.7	94.3	94.6	97.1	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 78-84
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.9	20.3	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.8	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	20.5	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	23.0	23.0	23.0	23.0	23.0	23.0
GE 18000	21.0	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.5	23.5	23.5	23.5	23.5	23.5
GE 16000	21.3	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.8	23.8	23.8	23.8	23.8	23.8
GE 14000	21.3	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	24.0	24.0	24.0	24.0	24.0	24.0
GE 12000	21.6	23.3	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	24.3	24.3	24.3	24.3	24.3	24.3
GE 10000	22.4	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.6	25.1	25.1	25.1	25.1	25.1	25.1
GE 9000	22.7	24.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	25.4	25.4	25.4	25.4	25.4	25.4
GE 8000	24.4	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8	27.3	27.3	27.3	27.3	27.3	27.3
GE 7000	26.7	28.6	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.5	29.5	29.5	29.5	29.5	29.5
GE 6000	26.8	28.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	27.6	29.5	30.0	30.0	30.3	30.3	30.3	30.3	30.3	30.5	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	29.2	31.3	31.7	31.7	32.1	32.1	32.1	32.1	32.1	32.2	32.7	32.7	32.7	32.7	32.7	32.7
GE 4000	31.0	33.0	33.5	33.5	33.8	33.8	33.8	33.8	33.8	34.0	34.4	34.4	34.4	34.4	34.4	34.4
GE 3500	36.2	38.7	39.4	39.4	39.8	39.8	39.8	39.8	39.8	40.0	40.5	40.5	40.5	40.5	40.5	40.5
GE 3000	38.7	41.4	42.1	42.2	42.7	42.7	42.7	42.7	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3
GE 2500	43.7	46.7	47.3	47.5	48.1	48.1	48.1	48.1	48.1	48.3	48.7	48.7	48.7	48.7	48.7	48.7
GE 2000	46.2	49.4	50.0	50.2	50.8	50.8	50.8	50.8	50.8	51.0	51.4	51.4	51.4	51.4	51.4	51.4
GE 1800	47.8	51.1	52.1	52.2	52.9	52.9	52.9	53.0	53.0	53.2	53.7	53.7	53.7	53.7	53.7	53.7
GE 1500	50.2	54.1	55.2	55.4	56.2	56.2	56.2	56.5	56.5	56.7	57.1	57.1	57.1	57.1	57.1	57.3
GE 1200	54.6	59.0	60.5	60.6	61.4	61.7	61.9	62.2	62.2	62.4	62.9	62.9	62.9	62.9	62.9	63.0
GE 1000	57.0	61.6	63.3	63.8	64.8	65.1	65.2	65.6	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.5
GE 900	59.4	64.8	66.7	67.1	68.1	68.9	69.0	69.4	69.4	69.8	70.3	70.3	70.3	70.3	70.3	70.5
GE 800	59.7	65.6	67.5	67.9	68.9	69.7	69.8	70.2	70.2	70.6	71.1	71.1	71.1	71.1	71.1	71.3
GE 700	61.3	67.5	69.5	70.0	71.0	71.7	71.9	72.2	72.2	72.7	73.2	73.2	73.2	73.2	73.2	73.3
GE 600	62.4	69.5	71.6	72.1	73.2	74.0	74.3	74.8	74.8	75.2	75.7	75.7	75.7	75.7	75.7	75.9
GE 500	67.6	75.9	77.9	78.4	79.7	80.6	81.6	82.1	82.1	82.9	83.3	83.3	83.3	83.3	83.3	83.5
GE 400	71.3	80.5	82.7	83.5	85.2	86.5	87.9	88.4	88.4	89.2	90.0	90.0	90.0	90.0	90.0	90.2
GE 300	71.9	83.0	85.9	86.8	89.2	90.5	92.2	92.7	92.7	93.7	94.4	94.4	94.4	94.4	94.4	94.6
GE 200	72.2	84.0	87.0	88.3	91.1	92.4	94.3	94.9	94.9	96.3	97.3	97.3	97.3	97.3	97.3	97.5
GE 100	72.2	84.0	87.3	88.7	91.7	93.2	95.1	95.9	95.9	97.6	98.9	98.9	99.0	99.0	99.2	99.4
GE 0	72.2	84.0	87.3	88.7	91.7	93.2	95.1	95.9	95.9	97.6	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2
NO CEIL	16.1	16.4	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9	16.9
GE 20000	16.9	17.2	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7
GE 18000	17.2	17.5	17.7	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0
GE 16000	17.2	17.5	17.7	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0
GE 14000	17.3	17.6	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1
GE 12000	17.5	17.7	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.3	18.3
GE 10000	18.1	18.4	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.0
GE 9000	19.1	19.4	19.6	19.6	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9
GE 8000	19.8	20.0	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.6	20.6	20.6	20.6
GE 7000	21.2	21.5	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0
GE 6000	21.4	21.6	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.2	22.2	22.2	22.2
GE 5000	22.4	22.7	23.0	23.0	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4
GE 4500	23.4	23.7	23.9	23.9	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.3	24.3	24.3	24.3
GE 4000	26.9	27.4	27.7	27.7	27.8	27.8	27.8	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1
GE 3500	30.4	32.1	32.4	32.4	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8
GE 3000	32.5	35.1	35.5	35.5	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9
GE 2500	34.8	38.2	38.6	38.6	38.8	38.8	39.1	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4
GE 2000	38.2	41.8	42.3	42.9	43.3	43.3	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8
GE 1800	40.2	43.8	44.4	44.9	45.3	45.3	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8
GE 1500	42.9	46.9	47.4	48.1	48.7	48.7	48.9	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2
GE 1200	50.7	56.0	56.7	57.4	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5
GE 1000	52.7	58.3	59.0	59.8	60.8	60.8	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 900	54.2	60.1	60.9	61.7	62.8	62.8	63.3	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8
GE 800	54.8	60.9	61.7	62.5	63.6	63.6	64.5	64.8	64.8	64.8	64.9	65.1	65.1	65.1	65.1
GE 700	56.6	62.9	63.6	64.7	65.9	65.9	66.9	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6
GE 600	58.1	65.1	66.0	66.9	68.8	68.8	69.9	70.2	70.3	70.6	70.7	70.7	70.7	70.7	70.7
GE 500	61.2	69.1	70.7	71.8	73.9	74.1	75.8	76.1	76.2	76.7	77.2	77.2	77.2	77.2	77.2
GE 400	63.4	72.0	75.1	76.6	79.7	79.8	81.9	82.1	82.3	82.9	85.2	85.2	85.2	85.2	85.2
GE 300	63.7	73.4	78.1	80.4	84.1	84.3	86.4	86.7	87.0	87.9	90.7	90.7	90.9	90.9	91.0
GE 200	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	94.5	94.5	95.0	95.2	96.4
GE 100	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	95.3	95.6	96.1	96.5	98.0
GE 0	64.0	73.9	78.8	81.9	86.0	86.3	89.0	89.2	89.5	90.7	95.3	95.6	96.2	96.6	98.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9
GE 20000	12.6	12.8	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.3	13.3	13.3	13.3	13.3	13.3
GE 18000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 16000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 14000	13.0	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.7	13.7	13.7	13.7	13.7	13.7
GE 12000	13.2	13.3	13.3	13.3	13.4	13.4	13.6	13.6	13.6	13.6	13.8	13.8	13.8	13.8	13.8	13.8
GE 10000	14.1	14.2	14.2	14.2	14.4	14.4	14.5	14.5	14.5	14.5	14.8	14.8	14.8	14.8	14.8	14.8
GE 9000	15.1	15.2	15.2	15.2	15.3	15.3	15.5	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7
GE 8000	16.1	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.8	16.8	16.8	16.8	16.8	16.8
GE 7000	17.6	17.9	17.9	17.9	18.0	18.0	18.1	18.1	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4
GE 6000	17.9	18.1	18.1	18.1	18.3	18.3	18.4	18.4	18.4	18.4	18.7	18.7	18.7	18.7	18.7	18.7
GE 5000	18.3	18.7	18.7	18.7	18.8	18.8	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.2
GE 4500	19.1	19.5	19.5	19.5	19.6	19.6	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0
GE 4000	21.0	21.8	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3
GE 3500	23.7	24.7	24.7	24.7	24.9	24.9	25.0	25.0	25.0	25.0	25.3	25.3	25.3	25.3	25.3	25.3
GE 3000	26.9	28.9	29.2	29.2	29.3	29.3	29.4	29.4	29.4	29.4	29.7	29.7	29.8	29.8	29.8	29.8
GE 2500	30.6	32.8	33.2	33.3	33.5	33.5	33.7	33.7	33.7	33.7	34.0	34.0	34.1	34.1	34.1	34.1
GE 2000	34.3	36.6	37.0	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.9	37.9	38.0	38.0	38.0	38.0
GE 1800	36.7	39.1	39.5	39.7	39.9	39.9	40.2	40.2	40.2	40.2	40.5	40.5	40.6	40.6	40.6	40.6
GE 1500	39.8	42.5	43.0	43.3	43.5	43.5	43.8	43.8	43.8	43.8	44.1	44.1	44.2	44.2	44.2	44.2
GE 1200	47.6	51.6	52.7	53.0	53.4	53.4	53.8	53.8	53.8	53.8	54.0	54.0	54.2	54.2	54.2	54.2
GE 1000	49.9	54.6	55.8	56.5	57.1	57.1	57.5	57.5	57.5	57.5	57.8	57.8	57.9	57.9	57.9	57.9
GE 900	52.0	57.1	58.3	59.0	59.7	59.7	60.5	60.6	60.6	60.6	61.0	61.0	61.2	61.2	61.2	61.2
GE 800	53.6	59.3	60.5	61.2	61.8	61.8	62.6	62.8	62.8	62.8	63.2	63.2	63.3	63.3	63.3	63.3
GE 700	54.8	61.2	62.4	63.0	64.0	64.0	64.8	64.9	64.9	65.1	65.5	65.5	65.6	65.6	65.6	65.6
GE 600	56.5	63.7	64.9	65.7	66.8	66.8	67.6	67.9	67.9	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 500	59.5	67.9	69.9	71.2	72.7	72.7	73.7	74.1	74.1	74.2	74.6	74.6	74.7	74.7	74.7	74.7
GE 400	62.1	72.3	74.5	76.7	79.0	79.0	80.8	81.5	81.5	81.7	82.5	82.5	82.7	82.7	82.7	82.7
GE 300	63.3	74.6	77.3	79.7	82.8	82.9	85.2	86.2	86.2	86.6	87.6	87.6	87.9	88.0	88.4	88.4
GE 200	63.4	75.1	78.1	80.6	84.7	85.1	87.9	89.2	89.5	90.3	92.5	92.5	93.1	93.4	94.2	94.4
GE 100	63.4	75.1	78.1	80.6	84.7	85.1	88.4	89.9	90.2	91.5	95.0	95.0	96.9	97.4	98.5	98.9
GE 0	63.4	75.1	78.1	80.6	84.7	85.1	88.4	89.9	90.2	91.5	95.3	95.3	97.4	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.5	13.0	13.0	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	
GE 20000	14.1	14.7	14.7	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	
GE 18000	14.4	14.9	14.9	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
GE 16000	14.4	14.9	14.9	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
GE 14000	14.7	15.5	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	
GE 12000	14.8	15.6	15.6	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	
GE 10000	16.3	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	
GE 9000	16.3	17.1	17.1	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	
GE 8000	16.9	17.7	17.7	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	
GE 7000	19.4	20.2	20.2	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	
GE 6000	20.2	21.0	21.0	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
GE 5000	20.4	21.4	21.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	
GE 4500	21.0	21.9	22.0	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	
GE 4000	23.7	24.6	24.7	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
GE 3500	26.3	27.4	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
GE 3000	28.2	29.3	29.6	29.7	29.8	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	
GE 2500	30.6	31.9	32.1	32.4	32.5	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
GE 2000	33.9	35.1	35.3	35.6	35.8	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
GE 1800	35.6	36.8	37.1	37.4	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
GE 1500	39.7	41.5	41.8	42.1	42.3	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	
GE 1200	48.9	51.9	52.3	52.8	53.2	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 1000	52.6	55.6	56.0	56.7	57.5	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 900	55.1	58.6	59.1	59.8	60.8	60.9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 800	56.6	60.8	61.4	62.1	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
GE 700	58.3	62.8	63.6	64.2	65.2	65.3	66.0	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 600	60.3	65.2	66.1	67.1	68.3	68.4	69.1	69.2	69.2	69.6	69.9	69.9	69.9	69.9	69.9	69.9	
GE 500	61.8	67.9	69.2	70.4	71.9	72.0	73.1	73.3	73.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	
GE 400	64.4	72.8	75.1	77.4	79.7	79.8	81.3	82.3	82.4	83.2	83.5	83.5	83.5	83.5	83.5	83.7	
GE 300	64.7	73.9	76.3	79.0	83.6	83.7	85.8	87.2	87.4	88.6	89.1	89.1	89.1	89.1	89.1	89.4	
GE 200	64.7	74.2	76.7	80.0	85.5	85.8	88.4	89.9	90.2	91.9	93.4	93.4	93.7	93.7	93.8	94.1	
GE 100	64.7	74.2	76.7	80.0	85.8	86.0	88.8	90.3	90.9	93.3	96.0	96.0	96.6	96.6	97.0	97.4	
GE 0	64.7	74.2	76.7	80.0	85.8	86.0	88.8	90.3	90.9	93.4	96.5	96.5	97.8	98.0	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 20000	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 16000	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 14000	16.5	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 12000	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 10000	17.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 9000	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 8000	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 7000	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 6000	21.9	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 5000	22.0	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4000	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 3500	30.2	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 3000	31.7	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 2500	35.1	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 2000	38.6	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 1800	39.9	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 1500	43.7	44.8	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 1200	52.3	54.6	55.5	56.2	56.3	56.6	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	55.4	58.2	59.3	59.9	60.1	60.3	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 900	56.9	59.9	61.0	62.1	62.2	62.6	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 800	57.9	61.4	62.6	63.7	63.8	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 700	60.1	64.7	66.0	67.2	67.5	67.9	68.4	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 600	62.8	68.5	70.3	71.9	72.8	73.3	73.8	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 500	65.2	71.9	74.2	75.8	76.9	77.4	78.2	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 400	67.2	76.6	79.4	81.6	83.3	83.9	85.5	86.6	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4
GE 300	67.9	77.7	80.8	83.6	86.7	87.2	89.8	91.1	91.3	91.9	92.3	92.3	92.5	92.5	92.5	92.5
GE 200	68.3	78.1	81.3	84.3	87.6	88.2	91.1	93.0	93.5	94.4	96.5	96.5	96.9	96.9	97.2	97.2
GE 100	68.3	78.2	81.5	84.4	87.9	88.4	91.4	93.4	94.0	94.8	97.7	97.8	98.3	98.3	98.7	98.7
GE 01	68.3	78.2	81.5	84.4	87.9	88.4	91.4	93.4	94.0	94.8	98.3	98.4	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1500-1700

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	12.2	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.6
GE 20000	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.2
GE 18000	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.4	14.5
GE 16000	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.8	14.9
GE 14000	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	15.2	15.3
GE 12000	14.8	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.3	15.5
GE 10000	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	16.0	16.1
GE 9000	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.8	16.9
GE 8000	16.9	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.5	17.6
GE 7000	19.1	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.8	19.9
GE 6000	19.4	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.6
GE 5000	19.4	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.6
GE 4500	20.4	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.9	22.0
GE 4000	26.1	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.7	27.8
GE 3500	29.4	31.3	31.3	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.1
GE 3000	30.8	33.1	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.3
GE 2500	35.6	38.0	38.3	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.1	39.2
GE 2000	39.7	42.1	42.3	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	43.5
GE 1800	41.7	44.4	44.6	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.7	45.8
GE 1500	47.7	50.8	51.1	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.3
GE 1200	56.2	60.3	61.0	61.6	61.8	61.8	62.5	62.6	62.6	62.6	62.8	62.8	62.8	62.8	63.0	63.2
GE 1000	59.1	63.8	64.7	65.5	66.0	66.0	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.5	67.6
GE 900	61.3	66.1	67.1	67.9	68.5	68.5	69.5	69.8	69.8	69.8	70.0	70.2	70.2	70.2	70.4	70.6
GE 800	62.0	67.5	68.4	69.2	69.9	69.9	70.8	71.1	71.1	71.1	71.4	71.5	71.5	71.5	71.8	71.9
GE 700	62.6	68.7	69.8	70.7	71.5	71.5	72.4	72.7	72.7	72.7	73.0	73.1	73.1	73.1	73.4	73.5
GE 600	63.8	70.7	72.2	73.3	74.3	74.3	75.3	75.5	75.5	75.5	75.8	75.9	75.9	75.9	76.2	76.3
GE 500	65.5	73.0	74.6	75.9	77.0	77.0	78.1	78.5	78.5	78.5	78.9	79.0	79.0	79.0	79.3	79.4
GE 400	68.5	78.4	81.2	83.5	85.5	85.5	87.0	88.0	88.0	88.0	88.4	88.6	88.6	89.0	89.2	89.5
GE 300	69.2	79.7	82.8	85.2	88.2	88.2	89.9	91.9	91.9	91.9	92.6	92.9	92.9	93.4	93.7	94.0
GE 200	69.2	80.1	83.5	86.0	89.2	89.5	91.4	93.5	93.5	93.5	94.6	95.3	95.3	96.4	96.6	97.6
GE 100	69.2	80.1	83.5	86.0	89.4	89.7	91.5	93.7	93.7	93.7	94.8	96.2	96.2	97.3	97.6	98.7
GE 01	69.2	80.1	83.5	86.0	89.4	89.7	91.5	93.7	93.7	93.7	94.8	96.2	96.2	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
GE 20000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	
GE 18000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
GE 16000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
GE 14000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
GE 12000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	
GE 10000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	
GE 9000	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	
GE 8000	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
GE 7000	21.4	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	
GE 6000	21.5	21.9	21.9	22.0	22.0	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	
GE 5000	22.4	23.0	23.0	23.1	23.1	23.1	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	
GE 4500	23.5	24.1	24.1	24.2	24.2	24.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	
GE 4000	27.2	27.8	27.8	28.1	28.1	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	
GE 3500	30.9	31.7	32.1	32.4	32.4	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	
GE 3000	33.1	34.1	34.7	35.3	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 2500	37.5	39.2	39.8	40.5	41.0	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
GE 2000	41.5	43.3	44.1	44.9	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
GE 1800	42.6	44.6	45.4	46.2	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
GE 1500	46.4	49.2	50.1	51.1	51.6	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 1200	53.6	57.0	57.9	59.1	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
GE 1000	55.1	59.3	60.6	61.8	62.5	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
GE 900	57.7	62.5	64.0	65.2	65.9	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 800	58.3	63.4	64.9	66.1	66.8	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 700	59.5	64.9	66.7	68.0	69.2	69.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 600	61.2	67.3	69.2	70.6	72.2	72.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
GE 500	63.0	70.4	73.0	74.6	76.5	76.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	
GE 400	65.3	74.1	77.6	80.1	82.7	82.8	84.5	84.8	84.8	84.9	85.6	85.6	85.8	85.8	85.8	85.8	
GE 300	65.7	75.0	78.6	81.5	85.9	86.0	88.2	89.1	89.1	89.4	91.0	91.0	91.3	91.3	91.3	91.3	
GE 200	65.7	75.1	78.8	81.7	87.0	87.1	89.5	90.6	90.6	91.7	94.1	94.1	94.9	94.9	96.0	96.1	
GE 100	65.7	75.3	78.9	81.9	87.2	87.4	89.8	90.9	90.9	92.3	95.2	95.3	96.4	96.4	97.4	97.7	
GE 01	65.7	75.3	78.9	81.9	87.2	87.4	89.8	90.9	90.9	92.3	95.3	95.4	96.8	96.8	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	13.5	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9
GE 20000	14.8	15.0	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.3
GE 18000	15.1	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6
GE 16000	15.2	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.7	15.7	15.7
GE 14000	15.3	15.6	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.9	15.9
GE 12000	15.5	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0
GE 10000	16.3	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8
GE 9000	17.2	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7
GE 8000	18.0	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6
GE 7000	19.8	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.5
GE 6000	20.3	20.7	20.8	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.1
GE 5000	20.8	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7
GE 4500	21.7	22.3	22.3	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6
GE 4000	25.6	26.3	26.4	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7
GE 3500	28.9	30.1	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	31.0	32.6	32.9	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4
GE 2500	34.7	36.7	37.0	37.2	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8
GE 2000	38.2	40.3	40.7	41.0	41.2	41.2	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6
GE 1800	39.9	42.1	42.5	42.9	43.0	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5
GE 1500	43.8	46.6	47.0	47.5	47.7	47.7	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
GE 1200	51.9	55.9	56.7	57.3	57.6	57.7	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4
GE 1000	54.6	59.0	59.9	60.7	61.3	61.4	61.9	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3
GE 900	56.7	61.5	62.4	63.2	63.9	64.0	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 800	57.8	63.1	64.1	64.9	65.6	65.7	66.5	66.6	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9
GE 700	59.3	65.2	66.3	67.1	68.0	68.2	69.1	69.3	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 600	61.0	67.6	68.9	70.0	71.3	71.5	72.4	72.6	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0
GE 500	63.2	70.8	72.6	73.9	75.4	75.6	76.8	77.1	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7
GE 400	65.5	74.9	77.7	79.7	82.3	82.5	84.2	85.0	85.1	85.5	86.3	86.3	86.3	86.4	86.4	86.5
GE 300	66.2	76.2	79.4	81.8	85.7	86.0	88.1	89.3	89.4	90.0	91.1	91.1	91.3	91.4	91.5	91.6
GE 200	66.3	76.5	79.9	82.5	87.0	87.4	89.9	91.3	91.5	92.6	94.7	94.7	95.3	95.4	96.2	96.4
GE 100	66.3	76.6	79.9	82.5	87.1	87.6	90.2	91.6	91.9	93.2	96.1	96.2	97.0	97.2	98.1	98.6
GE 0	66.3	76.6	79.9	82.6	87.2	87.6	90.2	91.6	91.9	93.2	96.3	96.4	97.5	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	27.8	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 18000	28.1	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 16000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 14000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 12000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 10000	29.4	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 9000	29.7	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 8000	31.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 7000	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 6000	34.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 5000	35.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 4500	36.7	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 4000	39.0	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 3500	42.8	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 3000	44.9	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 2500	47.8	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 2000	53.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1800	54.7	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 1500	59.2	65.8	66.4	66.4	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 1200	62.5	71.1	71.9	72.1	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 1000	64.3	75.0	76.0	76.1	76.9	76.9	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 900	65.1	76.3	77.2	77.4	78.3	78.3	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 800	66.3	77.9	79.2	79.4	80.4	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 700	66.9	79.3	80.7	81.1	82.1	82.1	82.9	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 600	68.3	81.9	84.0	84.6	86.1	86.1	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	68.3	82.9	85.4	86.3	88.3	88.3	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 400	69.2	84.2	86.9	87.8	90.4	90.4	91.8	92.6	92.6	92.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 300	69.4	84.4	87.9	88.8	92.2	92.2	93.8	94.7	94.9	95.6	96.8	96.8	97.1	97.2	97.2	97.2
GE 200	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.5	97.5	98.3	98.5	98.9	98.9
GE 100	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.8	97.8	98.8	98.9	99.3	100.0
GE 0	69.4	84.4	87.9	88.9	92.4	92.4	93.9	94.9	95.0	96.1	97.8	97.8	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 20000	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 18000	26.4	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 16000	27.2	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 14000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 12000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 10000	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 9000	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 8000	30.0	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 7000	31.4	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 6000	31.8	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 5000	34.2	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 4500	35.4	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 4000	38.6	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 3500	43.1	44.3	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 3000	46.7	48.9	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 2500	52.1	54.9	55.6	55.6	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 2000	55.3	59.9	60.6	60.6	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 1800	58.5	63.5	64.3	64.3	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 1500	61.0	66.8	67.6	67.6	68.6	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	65.1	71.9	72.9	72.9	73.9	73.9	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1000	66.8	74.7	75.8	76.0	76.9	76.9	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 900	67.5	75.4	76.8	76.9	78.1	78.1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 800	69.3	77.8	79.4	79.6	80.7	80.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	70.6	79.9	81.5	82.1	83.6	83.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	71.5	81.3	83.3	84.2	85.8	85.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	71.9	82.6	85.3	86.7	89.2	89.2	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	72.6	84.2	87.6	89.2	92.5	92.5	93.8	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	72.6	84.3	88.3	90.0	93.3	93.5	94.9	95.3	95.3	95.6	95.7	95.7	96.0	96.0	96.3	96.3
GE 200	72.6	84.3	88.3	90.0	93.3	93.5	94.9	95.7	95.8	96.5	97.1	97.1	97.4	97.4	98.1	98.3
GE 100	72.8	84.4	88.5	90.1	93.5	93.6	95.0	95.8	96.1	96.8	97.5	97.5	98.2	98.2	99.0	99.9
GE 0	72.8	84.4	88.5	90.1	93.5	93.6	95.0	95.8	96.1	96.8	97.5	97.5	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.6	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 20000	19.4	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 18000	19.4	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 16000	20.0	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 14000	20.1	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 12000	20.4	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 10000	20.6	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 9000	20.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 8000	22.6	23.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 7000	24.7	26.1	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 6000	26.1	27.5	27.8	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 5000	28.6	30.0	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 4500	30.6	32.1	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 4000	33.1	34.6	35.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 3500	37.5	39.6	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 3000	39.9	42.4	42.9	43.2	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 2500	45.1	48.2	48.8	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 2000	49.6	53.2	53.9	54.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1800	51.4	55.6	56.4	56.9	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1500	54.9	60.4	61.7	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1200	61.9	67.9	69.9	70.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 1000	64.2	71.3	73.3	74.0	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 900	65.3	72.5	75.3	76.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 800	66.3	74.2	77.2	78.2	80.3	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 700	67.1	75.6	78.6	79.9	82.1	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 600	68.3	78.3	81.8	83.3	85.8	85.8	86.1	86.4	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8
GE 500	69.3	80.0	84.0	85.6	88.2	88.2	88.5	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 400	69.4	81.0	85.7	87.5	91.1	91.1	91.5	92.5	92.5	92.6	92.9	92.9	93.1	93.1	93.1	93.1
GE 300	69.4	81.4	86.5	88.5	92.4	92.4	92.9	93.9	94.0	94.4	95.0	95.0	95.7	95.7	96.0	96.0
GE 200	69.4	81.4	86.7	88.9	92.9	92.9	93.5	94.6	94.7	95.7	96.8	96.8	97.6	97.6	98.2	98.2
GE 100	69.6	81.5	86.8	89.0	93.1	93.1	93.6	94.7	94.9	96.3	97.5	97.5	98.9	98.9	99.4	99.6
GE 01	69.6	81.5	86.8	89.0	93.1	93.1	93.6	94.7	94.9	96.3	97.5	97.5	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.4	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 20000	14.3	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 18000	14.4	15.1	15.1	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 16000	14.7	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 14000	14.9	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 12000	15.4	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 10000	16.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 9000	16.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 8000	17.8	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 7000	20.4	21.9	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 6000	21.9	23.5	23.6	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 5000	25.3	26.9	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 4500	27.6	29.4	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 4000	31.0	32.9	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8	33.8
GE 3500	35.1	37.1	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9
GE 3000	38.9	41.3	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.1
GE 2500	43.1	46.7	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8
GE 2000	47.6	51.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
GE 1800	49.9	54.2	55.4	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0
GE 1500	54.7	60.7	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 1200	61.3	67.9	69.9	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
GE 1000	65.4	72.6	74.9	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 900	66.4	74.2	76.8	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 800	67.4	75.6	78.2	78.6	79.4	79.4	79.6	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 700	67.8	76.1	78.8	79.2	80.6	80.6	80.7	81.1	81.1	81.5	81.5	81.5	81.7	81.7	81.7	81.7
GE 600	69.7	79.0	81.9	82.5	84.3	84.3	84.4	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 500	70.6	80.8	84.4	85.4	87.6	87.6	88.1	88.5	88.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 400	70.8	82.6	86.7	87.6	90.7	90.8	91.4	92.2	92.2	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 300	70.8	83.1	87.2	88.2	91.9	92.1	93.2	95.0	95.4	96.0	96.9	96.9	97.1	97.1	97.1	97.1
GE 200	70.8	83.5	87.9	88.9	92.8	92.9	94.0	96.1	96.5	97.2	98.2	98.2	98.8	98.8	98.9	98.9
GE 100	70.8	83.5	87.9	88.9	92.9	93.1	94.2	96.4	96.8	97.6	98.9	98.9	99.9	99.9	100.0	100.0
GE 0	70.8	83.5	87.9	88.9	92.9	93.1	94.2	96.4	96.8	97.6	98.9	98.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR & WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPT ROMANOV AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
GE 20000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	
GE 18000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	
GE 16000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	
GE 14000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	
GE 12000	15.4	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	
GE 10000	16.7	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
GE 9000	17.6	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	
GE 8000	20.8	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	
GE 7000	23.8	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	
GE 6000	25.3	25.8	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	
GE 5000	27.4	27.9	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
GE 4500	28.9	29.4	29.7	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 4000	33.2	34.0	34.3	34.4	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 3500	37.4	38.3	38.6	38.6	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 3000	39.9	41.3	41.7	41.8	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
GE 2500	44.0	45.7	46.3	46.4	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
GE 2000	50.6	52.8	53.3	53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 1800	52.4	54.6	55.3	55.4	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
GE 1500	58.9	62.2	63.1	63.2	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 1200	64.3	68.1	68.9	69.0	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
GE 1000	69.3	73.5	74.6	74.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
GE 900	71.7	76.8	78.5	78.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	
GE 800	72.8	78.6	80.3	80.6	82.2	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 700	72.8	78.8	80.4	80.8	83.1	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 600	74.2	81.0	82.8	83.2	85.7	86.1	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 500	74.7	82.2	84.3	84.9	87.5	87.9	88.8	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 400	76.3	85.1	87.9	88.0	92.1	92.5	93.5	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	
GE 300	76.3	85.4	88.8	89.4	93.6	94.0	95.4	96.5	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	
GE 200	76.4	85.6	88.9	89.7	94.0	94.7	96.3	97.4	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
GE 100	76.4	85.6	88.9	89.7	94.0	94.9	96.5	97.8	97.9	98.6	98.9	98.9	99.0	99.0	99.4	99.7	
GE 0	76.4	85.6	88.9	89.7	94.0	94.9	96.5	97.8	97.9	98.6	98.9	98.9	99.0	99.0	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 20000	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 18000	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 16000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 14000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 12000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 10000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 9000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 8000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 7000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 6000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 5000	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 4500	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 4000	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 3500	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 3000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 2500	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 2000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 1800	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 1500	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 1000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 900	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 800	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 700	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 600	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 400	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL	28.0	28.2	28.3	28.7	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 20000	29.3	29.8	30.0	30.4	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 18000	30.0	30.5	30.7	31.1	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 16000	30.4	31.0	31.1	31.5	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 14000	30.4	31.0	31.1	31.5	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	30.5	31.5	31.7	32.1	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 10000	31.0	32.1	32.2	32.6	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 9000	31.0	32.1	32.2	32.6	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 8000	32.1	33.3	33.5	33.9	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 7000	34.3	35.6	35.7	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 6000	35.0	36.4	36.5	37.0	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 5000	37.7	39.2	39.6	40.0	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 4500	40.7	42.3	42.7	43.1	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 4000	43.9	45.7	46.3	46.7	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 3500	48.5	50.8	51.5	51.9	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 3000	49.7	52.2	53.1	53.6	54.0	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 2500	52.9	56.3	57.3	58.2	59.0	59.1	59.7	59.8	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 2000	58.6	63.2	64.6	65.4	66.8	66.9	67.5	67.6	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.3
GE 1800	59.4	64.9	66.2	67.2	69.0	69.2	69.7	69.9	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.7
GE 1500	61.2	67.8	69.3	70.7	72.8	72.9	73.5	73.8	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.6
GE 1200	64.4	72.2	74.2	75.7	78.0	78.1	79.5	79.9	80.1	80.8	81.2	81.3	81.3	81.3	81.3	81.5
GE 1000	65.4	73.4	75.3	77.0	79.4	79.5	80.9	81.5	81.6	82.3	82.7	82.8	83.0	83.0	83.3	83.4
GE 900	65.6	73.6	75.6	77.5	80.1	80.2	81.7	82.4	82.6	83.3	83.8	84.0	84.2	84.2	84.5	84.7
GE 800	66.2	74.6	76.6	78.8	81.7	81.9	83.5	84.2	84.4	85.1	85.8	85.9	86.3	86.3	86.6	86.8
GE 700	67.1	75.7	77.7	79.9	83.0	83.1	84.8	85.9	86.1	86.8	87.7	87.9	88.3	88.3	88.6	88.7
GE 600	67.6	76.4	78.9	81.2	84.5	84.7	86.6	88.0	88.1	88.8	90.5	90.7	91.2	91.2	91.5	91.8
GE 500	67.8	77.0	79.6	81.9	85.4	85.5	87.9	89.5	89.7	90.5	92.5	92.6	93.2	93.2	93.4	93.7
GE 400	68.1	77.3	79.9	82.1	85.6	85.8	88.1	89.8	90.0	90.9	93.7	94.0	94.7	94.7	95.0	95.3
GE 300	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.1	94.4	95.1	95.1	96.5	96.9
GE 200	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.3	94.6	95.7	95.7	97.6	98.0
GE 100	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.4	94.3	94.6	95.7	95.7	98.0	98.5
GE 0	68.2	77.4	80.1	82.3	85.9	86.1	88.4	90.1	90.2	91.5	94.6	94.8	96.0	96.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3/8	GE 1/2	GE 3/4	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/4	GE 2 1/2	GE 2 3/4	GE 3	GE 3 1/4	GE 3 1/2
NO CEIL	29.1	30.0	30.0	30.0	30.1	30.1	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 20000	30.0	31.2	31.2	31.2	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	30.5	31.8	31.8	31.8	31.9	31.9	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 16000	30.5	31.8	31.8	31.8	31.9	31.9	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 14000	30.7	31.9	31.9	31.9	32.1	32.1	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 12000	31.4	32.8	32.8	32.8	32.9	32.9	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 10000	31.9	33.5	33.5	33.5	33.6	33.6	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 9000	31.9	33.5	33.5	33.5	33.6	33.6	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 8000	33.2	34.9	34.9	34.9	35.0	35.0	35.4	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 7000	34.4	36.3	36.3	36.3	36.4	36.4	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 6000	35.8	37.7	37.7	37.7	37.8	37.8	38.2	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 5000	37.8	39.9	40.2	40.2	40.6	40.6	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 4500	40.0	42.5	43.0	43.0	43.4	43.4	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	44.1	46.9	47.6	47.6	48.0	48.0	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 3500	47.7	50.8	51.9	51.9	52.4	52.4	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3000	48.7	51.9	53.3	53.3	53.8	53.8	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 2500	51.9	55.9	57.5	57.5	58.3	58.3	58.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 2000	55.8	62.1	63.7	63.7	65.6	65.6	66.9	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	56.9	64.0	65.7	65.7	67.9	67.9	69.3	69.3	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1500	57.7	66.7	68.6	68.6	72.1	72.1	73.6	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	61.4	72.1	74.3	74.3	79.4	79.4	81.0	81.0	81.2	82.3	82.3	82.6	82.6	82.7	82.7	82.7
GE 1000	62.2	73.2	75.6	75.6	81.0	81.0	82.7	83.0	83.0	84.1	84.4	84.4	84.4	84.5	84.5	84.5
GE 900	62.6	73.9	76.8	77.7	82.4	82.4	84.1	84.4	84.4	85.5	85.9	85.9	85.9	86.1	86.1	86.1
GE 800	62.9	74.6	77.5	78.5	83.4	83.4	85.1	85.5	85.5	86.6	87.0	87.0	87.0	87.2	87.2	87.2
GE 700	63.3	75.0	78.5	79.5	84.4	84.4	86.3	86.9	86.9	88.0	88.4	88.4	88.4	88.6	88.6	88.6
GE 600	63.7	75.6	79.4	80.3	86.1	86.1	88.3	89.3	89.3	90.4	91.1	91.1	91.1	91.2	91.2	91.2
GE 500	63.7	76.0	79.9	80.9	86.9	86.9	89.1	90.1	90.1	91.6	92.3	92.3	92.3	92.6	92.7	92.9
GE 400	63.9	76.2	80.2	81.3	87.3	87.4	90.0	90.9	90.9	92.7	94.4	94.6	95.0	95.0	95.3	95.5
GE 300	63.9	76.2	80.2	81.3	87.4	87.6	90.1	91.1	91.1	93.0	95.4	95.5	96.0	96.2	96.8	97.1
GE 200	63.9	76.2	80.2	81.3	87.4	87.6	90.1	91.1	91.1	93.0	95.5	95.7	96.1	96.7	97.5	97.8
GE 100	63.9	76.2	80.2	81.3	87.4	87.6	90.1	91.1	91.1	93.0	95.5	95.7	96.1	96.7	97.6	98.3
GE 0	63.9	76.2	80.2	81.3	87.4	87.6	90.1	91.1	91.1	93.0	95.5	95.7	96.1	96.7	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84

MONTH: OCT HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 20000	22.7	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 18000	23.1	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 16000	23.5	23.9	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 14000	23.6	24.0	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 12000	24.1	24.5	24.5	24.5	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 10000	24.8	25.4	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7
GE 9000	25.2	25.8	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 8000	27.8	28.7	28.8	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1
GE 7000	30.4	31.5	31.6	31.7	31.8	31.8	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0
GE 6000	31.0	32.2	32.4	32.4	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8
GE 5000	33.0	34.5	34.7	34.8	35.0	35.0	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.3	35.3
GE 4500	34.2	35.8	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.5	36.5	36.6	36.6	36.6	36.6
GE 4000	36.8	38.9	39.2	39.3	39.5	39.5	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 3500	40.7	43.5	43.9	44.1	44.5	44.6	44.7	44.8	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0
GE 3000	44.3	47.5	48.0	48.3	48.8	48.8	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.4
GE 2500	49.4	53.1	53.8	54.1	54.7	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.2	55.3	55.3	55.3
GE 2000	54.7	59.7	60.5	60.9	61.7	61.8	62.2	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1
GE 1800	56.5	61.8	62.8	63.2	64.0	64.1	64.5	64.9	64.9	65.2	65.3	65.3	65.4	65.5	65.5	65.5
GE 1500	61.0	67.4	68.6	69.4	70.6	70.6	71.5	71.8	71.8	72.2	72.4	72.4	72.6	72.7	72.7	72.7
GE 1200	65.2	72.9	74.8	75.5	77.0	77.1	78.0	78.5	78.5	78.9	79.2	79.2	79.4	79.5	79.5	79.6
GE 1000	66.9	75.0	77.1	77.9	79.6	79.7	80.6	81.1	81.1	81.6	82.1	82.1	82.3	82.4	82.4	82.4
GE 900	67.7	76.2	78.4	79.4	81.0	81.1	82.2	82.7	82.7	83.2	83.7	83.8	84.0	84.1	84.1	84.1
GE 800	68.2	76.8	79.3	80.3	82.2	82.3	83.6	84.2	84.2	84.8	85.3	85.3	85.6	85.7	85.8	85.8
GE 700	68.6	77.6	80.2	81.3	83.3	83.5	84.8	85.5	85.6	86.3	86.9	87.0	87.2	87.3	87.4	87.4
GE 600	69.1	78.4	81.2	82.6	84.9	85.2	86.8	87.7	87.8	88.6	89.4	89.4	89.7	89.8	89.9	89.9
GE 500	69.4	79.2	82.1	83.7	86.7	86.9	88.8	89.8	89.9	90.9	91.7	91.7	92.2	92.3	92.4	92.5
GE 400	69.8	79.8	82.9	84.6	87.8	88.0	90.2	91.3	91.4	92.7	93.9	94.0	94.6	94.7	94.9	94.9
GE 300	69.9	79.9	83.1	84.8	88.1	88.4	90.8	92.0	92.1	93.6	95.2	95.3	96.2	96.4	96.6	96.6
GE 200	69.9	79.9	83.2	84.9	88.2	88.5	91.0	92.3	92.4	94.0	96.0	96.0	97.2	97.4	97.9	98.0
GE 100	69.9	79.9	83.2	84.9	88.2	88.5	91.0	92.3	92.4	94.0	96.2	96.2	97.6	97.8	98.6	99.1
GE 0	69.9	79.9	83.2	84.9	88.3	88.5	91.0	92.3	92.4	94.0	96.2	96.3	97.7	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 20000	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 18000	26.1	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 16000	26.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 14000	26.9	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 12000	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 10000	28.0	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 9000	28.0	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 8000	31.2	32.7	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2
GE 7000	32.9	34.4	34.8	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.5	35.5	35.8
GE 6000	33.5	35.1	35.5	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.3	36.3	36.6
GE 5000	36.2	38.0	38.4	38.7	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.7
GE 4500	37.1	39.2	39.7	39.9	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.6	40.9	40.9
GE 4000	39.7	42.3	43.0	43.3	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.5	44.5
GE 3500	42.7	46.5	47.6	47.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.3	49.6
GE 3000	45.8	50.0	51.1	51.5	52.4	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4	53.5	53.8
GE 2500	50.0	55.2	56.3	56.9	57.8	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.9	59.1
GE 2000	54.2	61.6	62.6	63.2	64.4	64.5	65.1	65.5	65.5	65.9	65.9	65.9	65.9	66.1	66.3	66.5
GE 1800	55.4	62.9	64.1	64.7	66.0	66.1	66.7	67.1	67.1	67.5	67.5	67.5	67.7	67.9	68.1	68.1
GE 1500	60.1	70.0	71.8	72.7	74.9	75.0	75.5	75.9	75.9	76.3	76.3	76.3	76.7	76.9	77.2	77.2
GE 1200	64.4	75.4	78.0	78.9	81.7	81.9	82.4	82.8	82.8	83.2	83.3	83.3	83.7	83.9	84.1	84.1
GE 1000	64.9	76.1	78.6	79.6	82.7	82.8	83.3	83.7	83.7	84.1	84.8	84.8	85.5	85.6	85.9	85.9
GE 900	65.1	76.3	79.2	80.1	83.2	83.5	84.1	84.5	84.5	84.9	85.8	85.8	86.4	86.6	86.8	86.8
GE 800	65.5	76.9	80.0	81.0	84.8	85.2	86.2	86.7	86.7	87.1	88.0	88.0	88.7	89.1	89.4	89.4
GE 700	65.6	77.4	80.6	81.7	85.8	86.2	87.1	87.6	87.6	88.3	89.2	89.2	89.9	90.3	90.6	90.6
GE 600	66.0	77.8	81.3	82.5	86.8	87.4	89.0	89.7	89.7	90.3	91.3	91.3	91.9	92.3	92.6	92.6
GE 500	66.4	78.5	82.0	83.3	88.2	88.7	90.6	91.3	91.3	91.9	93.0	93.0	93.8	94.2	94.5	94.5
GE 400	66.7	78.9	82.4	83.7	88.8	89.4	91.5	92.2	92.2	93.0	95.3	95.3	96.5	96.9	97.2	97.2
GE 300	66.8	79.0	82.5	83.9	89.0	89.5	91.7	92.3	92.3	93.1	95.6	95.6	96.8	97.2	97.4	97.4
GE 200	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.3	96.2	96.2	97.4	97.8	98.1	98.1
GE 100	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.4	96.4	96.4	97.6	98.0	98.4	99.1
GE 0	66.9	79.2	82.7	84.0	89.1	89.7	91.8	92.5	92.5	93.4	96.4	96.4	97.6	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 14	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	16.0	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 20000	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 18000	19.5	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 16000	20.4	20.8	20.8	20.8	20.8	21.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 14000	20.4	20.8	20.8	20.8	20.8	21.0	21.5	21.5	21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.8
GE 12000	20.8	21.2	21.2	21.2	21.2	21.4	21.9	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2	22.2
GE 10000	22.2	23.4	23.4	23.4	23.4	23.5	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3
GE 9000	22.2	23.4	23.4	23.4	23.4	23.5	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3
GE 8000	25.3	26.9	26.9	26.9	26.9	27.0	27.6	27.6	27.6	27.6	28.0	28.0	28.0	28.0	28.0	28.0
GE 7000	28.2	30.0	30.0	30.0	30.1	30.2	30.8	30.8	30.8	30.8	31.2	31.2	31.2	31.2	31.2	31.2
GE 6000	29.6	31.3	31.3	31.5	31.5	31.6	32.1	32.1	32.1	32.1	32.5	32.5	32.5	32.5	32.5	32.5
GE 5000	30.2	32.0	32.0	32.5	32.5	32.7	33.2	33.2	33.2	33.2	33.6	33.6	33.6	33.6	33.6	33.6
GE 4500	31.3	33.1	33.1	33.6	33.6	33.7	34.3	34.3	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7
GE 4000	34.7	37.5	38.0	38.6	38.6	38.7	39.2	39.2	39.2	39.2	39.7	39.7	39.7	39.7	39.7	39.7
GE 3500	37.8	41.4	42.1	42.6	43.1	43.3	44.0	44.0	44.0	44.1	44.5	44.5	44.5	44.8	44.8	44.8
GE 3000	40.1	43.8	44.6	45.2	46.0	46.1	46.8	46.8	46.8	46.9	47.3	47.3	47.3	47.6	47.6	47.6
GE 2500	43.7	48.3	49.1	49.6	50.4	50.5	51.2	51.2	51.2	51.3	51.7	51.7	51.7	52.0	52.0	52.0
GE 2000	50.0	55.8	56.6	57.1	58.2	58.3	59.3	59.7	59.7	60.1	60.5	60.5	60.5	60.8	60.8	60.8
GE 1800	52.6	58.9	59.7	60.2	61.3	61.4	62.4	62.8	62.8	63.2	63.6	63.6	63.6	63.8	63.8	63.8
GE 1500	57.0	65.2	66.3	66.9	68.7	68.8	70.4	70.8	70.8	71.2	71.6	71.6	71.6	71.9	71.9	71.9
GE 1200	63.3	72.3	73.8	74.6	76.5	76.6	78.2	78.8	78.8	79.4	80.1	80.1	80.1	80.4	80.4	80.4
GE 1000	65.3	74.9	76.7	77.8	80.2	80.4	82.1	82.7	82.7	83.3	84.4	84.4	84.4	84.7	84.7	84.7
GE 900	66.3	76.5	78.5	79.6	82.0	82.1	84.1	84.7	84.7	85.3	86.4	86.4	86.4	86.7	86.7	86.7
GE 800	66.4	76.9	79.0	80.2	82.7	82.8	84.9	85.5	85.5	86.2	87.4	87.4	87.4	87.8	87.8	87.8
GE 700	66.4	77.2	79.3	80.6	83.2	83.6	85.8	86.3	86.3	87.0	88.2	88.2	88.3	88.6	88.6	88.6
GE 600	67.1	77.8	80.1	81.7	84.5	84.9	87.1	87.6	87.6	88.4	89.8	89.8	90.1	90.3	90.3	90.3
GE 500	67.3	78.6	80.9	82.7	85.6	86.0	88.3	89.0	89.0	89.8	91.1	91.1	91.5	91.8	91.8	91.8
GE 400	67.9	79.3	82.1	84.3	87.4	87.8	90.1	91.1	91.1	92.1	93.8	93.8	94.4	94.6	94.8	94.8
GE 300	68.0	79.4	82.3	84.4	87.8	88.2	90.9	92.1	92.1	93.3	95.4	95.4	96.4	96.8	96.9	96.9
GE 200	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.2	96.2	97.2	97.6	97.7	97.7
GE 100	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.5	96.5	97.8	98.3	98.7	98.9
GE 0	68.0	79.4	82.3	84.4	87.8	88.2	91.0	92.2	92.2	93.4	96.5	96.5	97.8	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.1	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 20000	16.7	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 18000	17.3	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 16000	18.1	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 14000	18.4	18.8	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 12000	18.7	19.1	19.2	19.2	19.2	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 10000	20.2	21.0	21.1	21.1	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 9000	20.8	21.6	21.8	21.8	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 8000	23.1	24.3	24.5	24.5	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 7000	26.9	28.2	28.4	28.4	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 6000	28.1	29.4	29.6	29.6	29.6	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 5000	29.3	31.0	31.5	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 4500	30.4	32.4	32.8	32.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 4000	32.3	34.9	35.3	35.5	36.0	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
GE 3500	36.6	39.9	40.5	40.9	41.4	41.4	41.5	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 3000	40.3	44.4	44.9	45.6	46.1	46.1	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 2500	44.8	49.5	50.1	50.6	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 2000	51.1	57.0	57.7	58.3	59.1	59.1	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1800	52.8	59.1	59.8	60.5	61.3	61.3	61.8	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 1500	58.2	64.9	65.6	66.4	67.5	67.5	69.0	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1200	63.6	71.4	72.3	73.1	74.2	74.3	75.8	76.3	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 1000	66.3	74.9	75.4	76.7	78.0	78.1	79.6	80.1	80.1	80.6	80.8	80.8	80.8	80.8	80.8	80.8
GE 900	68.1	77.4	78.5	79.3	80.5	80.6	82.1	82.7	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 800	68.5	78.1	79.6	80.4	81.6	81.7	83.5	84.1	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 700	68.5	78.5	80.1	80.9	82.3	82.4	84.1	84.8	84.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 600	68.8	79.0	80.9	82.0	83.3	83.5	85.2	85.9	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.1
GE 500	69.5	79.8	82.0	83.2	84.9	85.1	87.2	88.3	88.6	89.2	89.5	89.5	89.7	89.7	89.7	89.7
GE 400	70.0	80.6	83.1	84.5	86.3	86.4	88.8	89.9	90.2	91.0	91.7	91.7	92.1	92.1	92.1	92.1
GE 300	70.4	81.3	83.9	85.5	87.4	87.5	90.3	91.4	91.7	92.7	94.4	94.4	94.8	94.8	94.8	94.8
GE 200	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	95.6	95.6	96.4	96.5	97.0	97.3
GE 100	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	96.0	96.0	96.9	97.0	98.1	98.8
GE 0	70.4	81.3	83.9	85.5	87.4	87.5	90.7	91.9	92.2	93.3	96.0	96.0	97.2	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.4	15.1	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 20000	17.3	18.3	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 18000	17.7	18.7	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 16000	18.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 14000	18.3	19.2	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 12000	18.8	19.9	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 10000	19.2	20.3	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000	19.9	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 8000	23.7	25.0	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 7000	26.7	28.4	28.6	28.6	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0
GE 6000	26.9	28.6	28.9	28.9	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3
GE 5000	29.2	31.5	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1
GE 4500	30.1	32.5	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2
GE 4000	32.4	35.3	35.6	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2
GE 3500	35.1	38.4	38.7	38.8	39.5	39.5	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8
GE 3000	38.6	42.7	43.0	43.1	44.0	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2
GE 2500	43.7	48.5	48.8	48.9	49.7	49.7	50.0	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.4
GE 2000	48.3	53.8	54.3	54.7	55.5	55.5	56.2	56.2	56.2	56.3	56.5	56.5	56.6	56.6	56.6
GE 1800	50.7	56.5	57.1	57.5	58.3	58.3	59.0	59.0	59.0	59.1	59.3	59.3	59.4	59.4	59.4
GE 1500	55.4	61.7	62.6	63.0	63.8	63.8	65.2	65.3	65.3	65.9	66.4	66.4	66.5	66.7	66.7
GE 1200	60.1	67.9	69.9	70.7	71.8	71.9	73.4	73.5	73.5	74.1	74.6	74.6	74.7	74.9	74.9
GE 1000	63.0	71.2	73.4	74.2	75.3	75.4	77.0	77.2	77.2	77.7	78.4	78.4	78.5	78.6	78.6
GE 900	64.5	73.1	75.3	76.5	77.6	77.7	79.3	79.7	79.7	80.2	80.9	80.9	81.0	81.2	81.2
GE 800	64.9	73.8	75.9	77.4	78.8	78.9	80.5	80.9	80.9	81.5	82.1	82.1	82.3	82.4	82.4
GE 700	65.3	74.5	76.6	78.1	79.4	79.6	81.2	81.7	82.4	83.1	83.1	83.1	83.2	83.3	83.3
GE 600	65.7	75.7	77.8	79.6	81.3	81.6	83.3	84.1	84.1	85.1	85.8	85.8	85.9	86.0	86.0
GE 500	66.3	77.0	79.6	81.3	83.5	83.7	86.2	87.4	87.4	88.3	89.0	89.0	89.4	89.5	89.5
GE 400	66.5	77.6	80.5	82.4	85.2	85.5	88.8	90.2	90.2	91.3	92.1	92.1	92.5	92.6	92.6
GE 300	66.5	77.6	80.5	82.4	86.0	86.3	89.8	91.3	91.3	92.6	94.2	94.2	95.2	95.3	95.4
GE 200	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	95.6	95.6	97.2	97.4	98.0
GE 100	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	96.0	96.1	97.8	98.3	98.8
GE 0	66.8	77.8	80.8	82.8	86.6	86.8	90.5	92.2	92.2	93.8	96.0	96.1	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 20000	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 18000	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 16000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 14000	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 12000	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 10000	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 9000	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 8000	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 7000	28.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 6000	29.2	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	31.5	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
GE 4500	32.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5
GE 4000	34.3	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3
GE 3500	38.0	39.5	39.9	40.1	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.9
GE 3000	43.0	44.6	45.4	45.7	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.6
GE 2500	48.0	50.0	50.9	51.2	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4
GE 2000	53.6	56.3	57.8	58.2	59.0	59.1	59.7	60.1	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.5
GE 1800	55.9	59.1	60.6	61.0	62.0	62.1	62.6	63.0	63.0	63.0	63.3	63.3	63.4	63.4	63.4	63.6
GE 1500	62.0	65.9	67.5	67.9	69.2	69.4	69.9	70.3	70.3	70.6	70.8	70.8	71.1	71.1	71.1	71.2
GE 1200	64.5	69.6	71.4	71.8	73.1	73.3	74.1	74.9	74.9	75.1	75.4	75.4	75.7	75.7	75.7	75.8
GE 1000	66.1	71.6	73.5	74.3	75.9	76.1	77.2	78.0	78.0	78.4	78.6	78.6	78.9	78.9	78.9	79.0
GE 900	67.2	72.8	74.9	75.7	77.3	77.4	78.5	79.3	79.3	79.7	80.0	80.0	80.2	80.2	80.2	80.4
GE 800	68.4	74.2	76.2	77.0	78.8	78.9	80.0	80.9	80.9	81.5	81.7	81.7	82.0	82.0	82.0	82.1
GE 700	69.4	75.4	78.0	78.9	80.8	80.9	82.0	83.2	83.2	84.0	84.3	84.3	84.5	84.5	84.5	84.7
GE 600	69.5	76.1	78.9	80.4	83.1	83.2	84.4	86.0	86.0	87.1	87.5	87.5	87.9	87.9	87.9	88.0
GE 500	70.0	77.2	80.1	81.7	85.5	85.6	87.1	88.7	88.7	90.6	91.0	91.0	91.5	91.5	91.5	91.7
GE 400	70.2	77.4	80.4	82.1	86.2	86.3	88.2	90.1	90.1	92.2	92.7	92.7	93.4	93.4	93.4	93.5
GE 300	70.2	77.4	80.5	82.3	86.4	86.6	88.7	90.6	90.6	93.0	94.1	94.1	95.7	95.7	95.7	95.8
GE 200	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.0	95.0	97.6	97.6	97.7	98.0
GE 100	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.0	95.0	98.0	98.0	98.3	98.9
GE 0	70.2	77.6	80.6	82.4	86.6	86.7	89.0	91.1	91.1	93.5	95.2	95.2	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS (LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		26.2	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000		27.2	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 18000		27.4	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 16000		27.7	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 14000		27.7	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 12000		28.1	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 10000		28.5	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 9000		28.8	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 8000		30.0	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 7000		32.0	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 6000		32.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 5000		33.7	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 4500		35.2	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 4000		38.8	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 3500		43.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 3000		47.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2500		53.0	56.3	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000		59.7	64.2	65.3	65.3	65.9	66.1	66.3	66.4	66.4	66.4	66.5	66.5	66.7	66.7	66.7	66.7
GE 1800		60.9	65.7	67.2	67.3	67.9	68.1	68.3	68.5	68.5	68.7	69.0	69.0	69.1	69.1	69.1	69.1
GE 1500		64.8	70.2	72.0	72.4	73.4	73.7	73.8	74.1	74.1	74.2	74.5	74.6	74.9	75.0	75.0	75.0
GE 1200		68.1	75.0	77.6	78.0	79.3	79.6	79.7	80.1	80.1	80.2	80.5	80.6	80.9	81.0	81.0	81.0
GE 1000		69.4	76.9	79.4	80.0	81.3	81.6	81.7	82.3	82.3	82.4	82.7	82.8	83.1	83.2	83.2	83.2
GE 900		70.0	77.6	80.1	81.0	82.4	82.7	82.8	83.3	83.3	83.5	83.7	83.9	84.1	84.3	84.3	84.3
GE 800		70.2	77.8	80.9	81.9	83.5	83.7	84.0	84.7	84.7	84.9	85.2	85.3	85.6	85.8	85.8	85.8
GE 700		71.0	79.0	82.4	83.5	85.2	85.5	86.2	87.0	87.0	87.2	87.5	87.6	87.9	88.0	88.0	88.0
GE 600		71.5	80.1	83.9	85.1	87.0	87.2	88.0	89.0	89.0	89.7	90.1	90.2	90.5	90.6	90.6	90.6
GE 500		71.9	80.9	85.1	86.7	89.2	89.5	90.3	91.3	91.3	92.5	92.9	93.0	93.4	93.5	93.7	93.7
GE 400		72.2	81.2	85.6	87.2	89.8	90.1	91.3	92.3	92.3	93.5	94.4	94.5	95.0	95.2	95.3	95.3
GE 300		72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.1	93.1	94.8	96.0	96.1	96.8	96.9	97.0	97.0
GE 200		72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.0	96.2	96.4	97.2	97.4	97.7	97.7
GE 100		72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.2	96.6	96.8	97.6	97.8	98.8	99.2
GE 01		72.2	81.2	85.8	87.4	90.1	90.3	91.9	93.4	93.4	95.2	96.6	96.8	97.6	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 20000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 18000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 16000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 14000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 12000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 10000	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 9000	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 8000	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 7000	33.7	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 6000	34.3	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 5000	36.4	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 4500	37.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 4000	40.7	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 3500	47.2	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 3000	50.7	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 2500	57.4	59.5	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 2000	61.4	64.8	65.1	65.2	65.6	65.6	65.7	66.1	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1800	62.6	66.4	67.1	67.2	67.7	67.7	68.0	68.4	68.5	69.1	69.1	69.1	69.4	69.4	69.4	69.4
GE 1500	65.7	71.0	72.7	73.0	73.9	73.9	74.2	74.6	74.7	75.4	75.4	75.4	75.7	75.7	75.7	75.7
GE 1200	68.1	74.7	76.7	77.2	78.4	78.4	78.9	79.3	79.4	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 1000	69.4	76.5	79.0	79.4	80.6	80.6	81.2	81.6	81.7	82.5	82.5	82.5	82.8	82.8	82.8	82.8
GE 900	69.6	77.3	80.1	80.5	81.7	81.7	82.3	82.7	82.8	83.6	83.9	83.9	84.1	84.1	84.1	84.1
GE 800	69.8	77.6	80.4	80.9	82.3	82.3	82.9	83.5	83.6	84.4	84.7	84.7	84.9	84.9	84.9	84.9
GE 700	70.3	78.2	81.0	81.9	83.9	83.9	84.5	85.5	85.6	86.8	87.2	87.2	87.5	87.5	87.5	87.5
GE 600	71.2	79.7	82.5	83.9	86.0	86.0	87.6	88.6	88.7	89.9	90.6	90.6	90.9	90.9	90.9	90.9
GE 500	71.5	80.1	83.1	84.8	87.8	87.8	89.4	90.6	90.7	92.1	92.7	92.7	93.1	93.1	93.7	93.7
GE 400	71.8	81.3	84.3	86.0	89.0	89.0	90.9	92.2	92.3	94.0	95.4	95.4	96.1	96.1	96.6	96.6
GE 300	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.4	95.8	95.8	97.0	97.0	97.6	97.6
GE 200	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.8	96.4	96.4	97.6	97.6	98.8	98.8
GE 100	71.8	81.3	84.3	86.0	89.1	89.1	91.0	92.3	92.5	94.8	96.5	96.5	97.7	97.7	99.1	99.5
GE 0	71.8	81.3	84.3	86.0	89.2	89.2	91.1	92.5	92.6	94.9	96.6	96.6	97.8	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 20000	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 18000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 16000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 14000	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 12000	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 10000	29.6	29.8	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 9000	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 8000	32.0	32.7	32.7	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 7000	34.1	34.9	35.1	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 6000	34.3	35.2	35.6	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 5000	37.6	38.7	39.2	39.4	39.4	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 4500	39.4	40.6	41.1	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 4000	41.4	43.0	43.5	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 3500	44.9	47.4	48.0	48.1	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 3000	48.4	51.3	52.0	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 2500	54.6	57.8	58.6	59.1	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 2000	59.5	64.0	64.8	65.3	65.7	65.7	66.0	66.1	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1800	60.9	65.6	66.4	66.9	67.3	67.3	67.6	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 1500	64.8	70.3	71.8	72.6	73.1	73.1	73.7	73.8	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 1200	69.8	76.7	78.9	80.0	81.0	81.0	81.7	82.0	82.1	82.5	82.7	82.7	82.8	82.8	82.8	82.8
GE 1000	70.7	78.0	80.2	81.3	82.4	82.4	83.1	83.5	83.6	84.0	84.4	84.4	84.5	84.5	84.5	84.5
GE 900	71.1	78.6	81.0	82.1	83.3	83.3	84.3	84.7	84.8	85.3	85.9	85.9	86.2	86.2	86.2	86.2
GE 800	71.8	79.6	82.4	83.5	85.2	85.2	86.4	87.2	87.4	87.9	88.6	88.6	89.0	89.0	89.1	89.1
GE 700	72.2	80.2	83.3	84.4	86.2	86.2	87.4	88.2	88.3	89.2	90.5	90.5	90.9	90.9	91.0	91.0
GE 600	72.6	81.0	84.1	85.5	87.4	87.6	89.8	90.6	90.7	91.7	93.0	93.0	93.4	93.4	93.5	93.5
GE 500	72.6	81.2	84.4	86.0	88.7	89.0	91.1	91.9	92.1	93.0	94.5	94.5	94.9	94.9	95.2	95.2
GE 400	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.4	96.1	96.1	96.6	96.6	97.0	97.2
GE 300	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.5	96.5	97.3	97.3	97.7	98.0
GE 200	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.4	97.4	98.1	98.4
GE 100	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.7	97.7	98.7	99.5
GE 0	73.0	81.7	85.1	86.7	89.4	89.7	91.9	92.7	92.9	94.6	96.6	96.6	97.7	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84

MONTH: SEP HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.1	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 20000	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 18000	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 16000	19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 14000	19.9	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 12000	20.1	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 10000	20.6	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 9000	21.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 8000	23.9	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 7000	26.4	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 6000	27.6	28.5	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 5000	30.0	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 4500	31.5	32.6	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 4000	34.8	36.1	36.4	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 3500	38.6	40.2	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 3000	41.5	43.5	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2500	45.6	48.4	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 2000	50.7	54.4	54.9	55.1	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 1800	52.8	56.8	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 1500	57.7	62.8	63.7	63.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 1200	63.3	69.2	70.4	70.6	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1000	66.4	73.2	74.6	75.0	76.0	76.0	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 900	68.1	75.5	77.2	77.7	78.8	78.8	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6
GE 800	69.3	77.3	79.2	79.8	81.0	81.1	81.7	81.9	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	70.0	78.6	80.6	81.3	82.8	82.8	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 600	71.3	81.1	83.4	84.3	86.0	86.1	86.8	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 500	72.0	82.5	85.2	86.4	88.6	88.6	89.5	89.8	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 400	72.9	84.2	87.4	88.7	91.5	91.6	92.7	93.4	93.4	93.8	94.2	94.2	94.2	94.3	94.3	94.3
GE 300	73.0	84.5	88.0	89.4	92.7	92.7	94.2	95.2	95.3	96.0	96.6	96.6	96.8	96.8	96.9	96.9
GE 200	73.0	84.6	88.2	89.6	93.0	93.1	94.6	95.8	95.9	96.9	97.8	97.8	98.2	98.2	98.6	98.6
GE 100	73.1	84.6	88.2	89.7	93.0	93.2	94.7	96.0	96.1	97.1	98.4	98.4	99.0	99.0	99.5	99.8
GE 0	73.1	84.6	88.2	89.7	93.0	93.2	94.7	96.0	96.1	97.1	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.9	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 20000	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 18000	21.1	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 16000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 14000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 12000	21.9	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 10000	22.4	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 9000	22.6	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 8000	25.7	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 7000	28.2	28.8	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 6000	29.6	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 5000	33.1	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 4500	33.8	34.6	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 4000	36.7	38.1	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 3500	39.7	42.1	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 3000	41.8	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2500	44.7	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 2000	50.6	55.4	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 1800	52.6	57.9	58.5	58.5	59.2	59.2	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 1500	58.6	65.3	66.0	66.0	66.7	66.7	67.1	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1200	63.8	71.1	72.1	72.2	72.9	72.9	73.3	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1000	66.9	75.1	76.4	76.7	77.9	77.9	78.5	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	68.8	77.4	79.2	79.4	80.7	80.7	81.3	81.3	81.3	81.7	82.1	82.1	82.1	82.1	82.1	82.1
GE 800	69.4	78.9	81.0	81.4	82.6	82.6	83.3	83.3	83.3	83.8	84.2	84.2	84.2	84.2	84.2	84.2
GE 700	69.6	79.7	81.8	82.2	83.5	83.5	84.2	84.2	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0
GE 600	70.7	82.5	84.7	85.4	86.8	86.8	87.9	87.9	87.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8
GE 500	70.8	83.1	85.6	86.8	88.9	88.9	90.0	90.0	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	72.1	84.7	87.5	89.0	91.5	91.5	93.1	93.5	93.5	94.2	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	98.3	98.3	98.8	98.8	99.0	99.0
GE 100	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	98.9	98.9	99.3	99.4	99.7	99.9
GE 0	72.2	84.9	87.8	89.4	92.6	92.6	94.6	95.1	95.1	96.7	99.0	99.0	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 20000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 18000	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 16000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 14000	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 12000	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 10000	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 9000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 8000	23.9	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 7000	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 6000	28.3	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 5000	30.4	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	31.8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 4000	35.8	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3500	39.9	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 3000	42.1	43.1	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 2500	45.8	46.9	47.1	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 2000	51.3	53.1	53.6	53.9	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 1800	53.2	55.0	55.6	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 1500	58.8	62.4	62.9	63.2	63.5	63.5	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 1200	65.3	69.2	69.9	70.1	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 1000	68.1	72.6	73.6	74.2	75.1	75.1	75.4	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8
GE 900	71.0	76.4	77.5	78.2	79.2	79.2	79.4	79.7	79.7	79.9	80.1	80.1	80.1	80.1	80.1
GE 800	71.8	78.1	79.4	80.1	81.3	81.3	81.7	81.9	81.9	82.2	82.5	82.5	82.5	82.5	82.5
GE 700	72.8	80.4	81.9	82.6	83.8	83.8	84.2	84.4	84.4	84.7	85.0	85.0	85.0	85.0	85.0
GE 600	73.6	82.4	84.2	85.1	86.5	86.5	87.2	87.5	87.5	87.9	88.2	88.2	88.2	88.2	88.2
GE 500	75.1	84.3	86.1	87.2	89.2	89.2	90.1	90.4	90.4	91.0	91.5	91.5	91.5	91.5	91.5
GE 400	76.3	85.8	88.1	89.6	91.5	91.5	93.3	93.8	93.8	94.4	95.1	95.1	95.1	95.1	95.1
GE 300	76.4	86.3	88.5	90.0	92.1	92.1	93.9	94.6	94.6	95.4	96.5	96.5	96.5	96.5	96.7
GE 200	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	97.9	97.9	97.9	97.9	98.5
GE 100	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	98.3	98.3	98.5	98.5	99.3
GE 0	76.4	86.4	88.6	90.1	92.4	92.4	94.4	95.3	95.3	96.5	98.3	98.3	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANOFF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	29.6	31.4	32.5	32.9	33.5	33.5	33.6	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33
GE 20000	30.5	32.8	33.9	34.3	34.9	34.9	35.0	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35
GE 18000	31.2	33.5	34.6	35.0	35.6	35.6	35.7	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36
GE 16000	31.4	33.6	34.7	35.1	35.7	35.7	35.8	36.0	36.0	36.0	36.1	36.1	36.1	36.1	36.1	36
GE 14000	31.5	33.8	34.9	35.3	35.8	35.8	36.0	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36
GE 12000	31.9	34.2	35.3	35.7	36.3	36.3	36.4	36.5	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36
GE 10000	32.1	34.3	35.4	35.8	36.4	36.4	36.5	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36
GE 9000	32.8	35.0	36.1	36.5	37.1	37.1	37.2	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37
GE 8000	34.9	37.1	38.2	38.6	39.2	39.2	39.3	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39
GE 7000	36.3	38.5	39.6	40.0	40.6	40.6	40.7	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41
GE 6000	37.8	40.0	41.1	41.6	42.1	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42
GE 5000	39.9	42.5	43.7	44.1	44.8	44.8	44.9	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45
GE 4500	42.0	45.0	46.2	46.6	47.4	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47
GE 4000	43.9	47.1	48.3	48.7	49.5	49.5	49.7	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50
GE 3500	47.0	50.3	51.6	52.4	53.3	53.3	53.4	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.1	54
GE 3000	49.2	53.0	54.3	55.2	56.1	56.1	56.2	56.5	56.5	56.5	56.6	56.6	56.9	56.9	57.0	57
GE 2500	52.2	56.8	58.4	59.6	60.5	60.5	60.7	60.9	60.9	61.1	61.4	61.4	61.6	61.6	61.8	61
GE 2000	55.8	61.2	63.3	64.6	66.0	66.0	66.2	66.7	66.7	67.4	67.6	67.6	68.1	68.1	68.2	68
GE 1800	56.8	62.6	64.9	66.4	68.5	68.5	68.8	69.2	69.2	70.0	70.3	70.3	70.7	70.7	70.9	70
GE 1500	57.7	64.3	66.5	68.3	70.7	70.7	71.0	71.5	71.5	72.4	72.7	72.7	73.1	73.1	73.2	73
GE 1200	61.5	68.6	71.0	72.9	75.7	75.7	76.7	77.3	77.3	78.2	78.5	78.5	79.5	79.5	79.8	79
GE 1000	62.8	70.3	72.7	74.6	78.0	78.1	79.4	79.9	79.9	81.0	81.5	81.5	82.4	82.4	82.8	83
GE 900	63.5	71.1	73.5	75.6	79.5	79.6	80.9	81.6	81.6	82.7	83.3	83.3	84.4	84.4	84.8	84
GE 800	63.7	71.8	74.9	77.1	81.3	81.5	82.7	83.7	83.7	84.8	85.5	85.5	86.6	86.6	87.0	87
GE 700	64.0	72.2	75.5	77.7	82.7	82.8	84.1	85.1	85.1	86.2	87.3	87.3	88.4	88.4	88.8	89
GE 600	64.4	72.9	76.4	78.8	84.4	84.5	85.8	86.9	86.9	88.0	89.5	89.7	91.5	91.5	91.9	92
GE 500	64.7	73.2	76.7	79.1	84.9	85.2	86.9	88.1	88.1	89.3	90.8	90.9	92.9	93.0	93.6	94
GE 400	64.7	73.2	76.8	79.2	85.1	85.4	87.0	88.3	88.4	89.5	91.8	91.9	93.9	94.1	94.7	95
GE 300	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.6	92.7	94.8	95.3	95.8	96
GE 200	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.7	93.0	95.7	96.1	96.7	97
GE 100	64.7	73.2	76.8	79.4	85.2	85.5	87.2	88.4	88.6	89.7	92.9	93.2	96.1	96.5	97.4	98
GE 0	64.7	73.2	76.8	79.4	85.2	85.5	87.3	88.6	88.7	89.8	93.2	93.4	96.4	96.8	97.6	100

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	G
NO CEIL	23.6	24.3	24.3	24.3	24.7	24.7	24.8	24.8	24.8	25.1	25.7	25.7	25.9	25.9	25.9	25
GE 20000	24.0	24.7	24.8	24.8	25.2	25.2	25.5	25.7	25.7	25.9	26.5	26.5	26.8	26.8	26.8	26
GE 18000	24.5	25.2	25.4	25.4	25.8	25.8	26.1	26.2	26.2	26.5	27.1	27.1	27.3	27.3	27.3	27
GE 16000	25.1	25.8	25.9	25.9	26.4	26.4	26.6	26.8	26.8	27.1	27.6	27.6	27.9	27.9	27.9	27
GE 14000	25.4	26.4	26.5	26.5	26.9	26.9	27.2	27.3	27.3	27.6	28.2	28.2	28.5	28.5	28.5	28
GE 12000	25.7	26.6	26.8	26.8	27.2	27.2	27.5	27.6	27.6	27.9	28.5	28.5	28.7	28.7	28.7	28
GE 10000	25.9	26.9	27.1	27.1	27.5	27.5	27.8	27.9	27.9	28.2	28.7	28.7	29.0	29.0	29.0	29
GE 9000	26.2	27.2	27.3	27.3	27.8	27.8	28.0	28.2	28.2	28.5	29.0	29.0	29.3	29.3	29.3	29
GE 8000	28.0	29.3	29.6	29.6	30.0	30.0	30.3	30.4	30.4	30.7	31.2	31.2	31.5	31.5	31.5	31
GE 7000	30.1	31.4	31.7	31.7	32.1	32.1	32.4	32.5	32.5	32.8	33.3	33.3	33.6	33.6	33.6	33
GE 6000	31.2	32.9	33.2	33.2	33.9	33.9	34.2	34.3	34.3	34.6	35.1	35.1	35.4	35.4	35.4	35
GE 5000	32.4	34.4	34.7	34.7	35.4	35.4	35.7	35.8	35.8	36.3	36.8	36.8	37.1	37.1	37.1	37
GE 4500	33.6	36.0	36.4	36.4	37.2	37.2	37.5	37.7	37.7	38.1	38.6	38.6	38.9	38.9	38.9	38
GE 4000	37.1	40.3	41.0	41.1	42.3	42.3	42.8	43.1	43.1	43.5	44.1	44.1	44.4	44.4	44.4	44
GE 3500	40.3	44.4	45.5	45.7	47.1	47.1	47.7	48.0	48.0	48.4	49.2	49.2	49.7	49.7	49.7	49
GE 3000	42.5	47.3	48.7	49.0	50.3	50.3	50.9	51.2	51.2	51.6	52.4	52.4	52.9	52.9	52.9	52
GE 2500	47.4	53.3	54.8	55.1	56.5	56.5	57.2	57.5	57.5	58.0	58.9	58.9	59.3	59.3	59.3	59
GE 2000	51.5	58.0	59.8	60.3	61.8	61.8	62.6	62.9	62.9	63.7	64.6	64.6	65.0	65.0	65.0	65
GE 1800	53.1	60.3	62.3	62.9	64.4	64.4	65.4	65.7	65.7	66.5	67.4	67.4	67.8	67.8	67.8	67
GE 1500	55.0	63.2	65.8	66.7	68.5	68.5	69.5	69.9	69.9	71.1	72.0	72.0	72.4	72.4	72.4	72
GE 1200	56.8	66.8	69.6	70.7	73.1	73.1	74.6	75.3	75.3	76.6	77.5	77.5	78.1	78.1	78.1	78
GE 1000	56.9	67.2	70.4	71.7	74.6	74.6	76.2	77.0	77.0	78.4	79.6	79.6	80.2	80.2	80.2	80
GE 900	57.5	68.5	71.7	73.1	76.3	76.3	78.0	79.2	79.2	80.8	82.0	82.0	82.6	82.6	82.6	82
GE 800	58.0	69.2	72.5	73.9	77.3	77.4	79.2	80.8	80.8	82.3	83.5	83.5	84.1	84.1	84.1	84
GE 700	58.2	69.3	72.9	74.3	78.0	78.1	79.9	81.5	81.5	83.0	84.4	84.4	84.9	84.9	84.9	85
GE 600	58.3	69.9	73.9	75.6	79.6	79.8	82.0	83.8	84.0	85.9	87.9	87.9	88.6	88.6	88.7	88
GE 500	58.6	70.2	75.0	76.8	81.0	81.2	84.0	85.8	85.9	88.0	90.0	90.0	90.7	90.7	90.8	90
GE 400	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.4	87.6	90.0	92.5	92.5	93.3	93.3	93.4	93
GE 300	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.7	87.9	90.4	93.7	93.7	94.8	94.8	95.3	95
GE 200	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.3	94.3	95.8	95.8	96.2	96
GE 100	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.6	94.6	96.4	96.4	96.9	97
GE 0	58.6	70.3	75.6	77.5	82.3	82.4	85.5	87.9	88.0	90.7	94.7	94.7	96.8	96.8	97.5	100

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	16.6	16.7	17.2	17.4	17.7	17.9	18.3	18.4	18.4	18.8	19.2	19.4	19.5	19.5	19.5
GE 20000	17.3	18.0	18.4	18.7	19.0	19.1	19.5	19.9	19.9	20.5	20.9	21.1	21.2	21.2	21.2
GE 18000	18.4	19.2	19.7	19.9	20.2	20.4	20.8	21.2	21.2	21.8	22.2	22.3	22.5	22.5	22.5
GE 16000	19.1	19.9	20.4	20.6	20.9	21.1	21.5	21.9	21.9	22.5	22.9	23.0	23.2	23.2	23.2
GE 14000	19.4	20.2	20.6	20.9	21.2	21.3	21.8	22.2	22.2	22.7	23.2	23.3	23.4	23.4	23.4
GE 12000	19.9	20.8	21.2	21.5	21.8	21.9	22.3	22.7	22.7	23.3	23.7	23.8	24.0	24.0	24.0
GE 10000	20.5	21.5	21.9	22.2	22.6	22.7	23.2	23.6	23.6	24.1	24.5	24.7	24.8	24.8	24.8
GE 9000	20.5	21.6	22.0	22.3	22.7	22.9	23.3	23.7	23.7	24.3	24.7	24.8	25.0	25.0	25.0
GE 8000	23.0	24.5	25.0	25.2	25.7	25.8	26.2	26.6	26.6	27.2	27.6	27.8	27.9	27.9	27.9
GE 7000	25.2	26.8	27.2	27.6	28.0	28.2	28.6	29.0	29.0	29.6	30.0	30.1	30.3	30.3	30.3
GE 6000	26.8	29.0	29.4	29.8	30.3	30.4	30.8	31.2	31.2	31.8	32.2	32.4	32.5	32.5	32.5
GE 5000	28.2	30.8	31.2	31.7	32.1	32.2	32.6	33.1	33.1	33.8	34.2	34.3	34.4	34.4	34.4
GE 4500	29.1	32.4	32.8	33.2	33.6	33.8	34.2	34.6	34.6	35.3	35.7	35.8	36.0	36.0	36.0
GE 4000	32.1	35.8	36.4	36.8	37.4	37.5	38.1	38.5	38.5	39.3	39.7	39.9	40.0	40.0	40.0
GE 3500	36.5	41.6	42.7	43.1	44.2	44.4	45.0	45.5	45.5	46.3	46.7	46.9	47.0	47.0	47.0
GE 3000	37.9	43.8	44.9	45.6	46.7	46.9	47.7	48.1	48.1	49.0	49.4	49.5	49.7	49.7	49.7
GE 2500	43.0	49.5	50.9	51.6	53.1	53.3	54.4	54.8	54.8	55.8	56.2	56.3	56.5	56.5	56.5
GE 2000	47.4	54.7	56.3	57.6	59.3	59.4	60.7	61.1	61.1	62.5	63.0	63.2	63.3	63.3	63.3
GE 1800	48.1	55.6	57.9	59.6	61.4	61.5	62.9	63.3	63.3	64.7	65.3	65.4	65.6	65.6	65.6
GE 1500	49.9	58.9	61.5	63.5	66.0	66.1	67.8	68.2	68.2	69.6	70.4	70.6	70.7	70.7	70.7
GE 1200	51.3	61.1	64.6	66.9	71.3	71.4	73.5	74.1	74.1	75.7	76.6	76.7	76.8	76.8	76.8
GE 1000	52.4	63.0	66.8	69.3	74.1	74.2	76.6	77.3	77.3	79.2	80.2	80.3	80.5	80.5	80.5
GE 900	53.0	63.9	67.8	70.4	75.2	75.3	77.8	78.8	78.8	80.8	81.9	82.0	82.1	82.1	82.1
GE 800	53.3	64.4	68.6	71.4	76.3	76.4	78.9	80.1	80.1	82.0	83.1	83.3	83.4	83.4	83.4
GE 700	53.8	65.4	69.7	72.7	77.8	78.0	80.6	81.7	81.7	83.7	84.9	85.1	85.2	85.2	85.2
GE 600	54.0	66.4	70.9	73.9	79.9	80.1	83.0	84.5	84.5	87.0	88.4	88.6	88.7	88.7	88.7
GE 500	54.0	66.8	71.5	74.8	80.9	81.0	84.2	85.9	85.9	88.6	90.1	90.2	90.4	90.5	90.5
GE 400	54.0	66.9	72.0	75.3	81.7	81.9	85.1	86.9	87.0	90.0	91.5	91.6	91.9	92.1	92.5
GE 300	54.0	66.9	72.0	75.3	82.0	82.1	85.4	87.2	87.3	90.4	91.9	92.1	92.7	92.9	93.6
GE 200	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.3	87.4	90.7	92.6	92.7	93.9	94.0	95.7
GE 100	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.6	87.7	90.9	93.2	93.3	94.4	94.7	96.8
GE 0	54.0	66.9	72.1	75.5	82.1	82.3	85.5	87.6	87.7	90.9	93.3	93.4	94.8	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	17.0	18.4	18.4	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000	17.9	19.4	19.4	19.6	20.0	20.0	20.0	20.0	20.0	20.0	20.7	20.8	20.8	20.9	20.9	20.9
GE 18000	18.7	20.3	20.3	20.4	20.8	20.8	20.8	20.8	20.8	21.5	21.6	21.6	21.6	21.8	21.8	21.8
GE 16000	19.3	20.8	20.8	21.1	21.6	21.6	21.6	21.6	21.6	22.3	22.5	22.5	22.5	22.6	22.6	22.6
GE 14000	19.4	20.9	21.1	21.4	21.9	21.9	21.9	21.9	21.9	22.6	22.8	22.8	22.8	22.9	22.9	22.9
GE 12000	20.0	21.5	21.6	21.9	22.5	22.5	22.5	22.5	22.5	23.2	23.3	23.3	23.3	23.5	23.5	23.5
GE 10000	20.1	22.3	22.5	22.8	23.3	23.3	23.3	23.3	23.3	24.0	24.2	24.2	24.2	24.3	24.3	24.3
GE 9000	20.1	22.3	22.5	22.8	23.3	23.3	23.3	23.3	23.3	24.0	24.2	24.2	24.2	24.3	24.3	24.3
GE 8000	21.6	24.4	24.6	24.9	25.7	25.7	25.7	25.7	25.7	26.4	26.5	26.5	26.5	26.7	26.7	26.7
GE 7000	23.6	27.0	27.1	27.5	28.4	28.4	28.4	28.5	28.5	29.3	29.5	29.5	29.5	29.6	29.6	29.6
GE 6000	24.3	27.8	27.9	28.4	29.2	29.2	29.2	29.3	29.3	30.2	30.3	30.3	30.3	30.4	30.4	30.4
GE 5000	25.1	29.2	29.3	29.7	30.6	30.6	30.7	30.7	30.7	31.7	31.8	31.8	31.8	32.0	32.0	32.0
GE 4500	26.4	30.7	30.9	31.3	32.1	32.1	32.3	32.3	32.3	33.2	33.4	33.4	33.4	33.5	33.5	33.5
GE 4000	30.2	35.2	35.3	35.9	36.9	36.9	37.2	37.3	37.3	38.3	38.4	38.4	38.4	38.5	38.5	38.5
GE 3500	33.0	38.3	38.7	39.2	40.8	40.8	41.5	42.0	42.0	43.2	43.4	43.4	43.4	43.6	43.6	43.6
GE 3000	35.9	41.9	42.6	43.2	44.8	44.8	45.5	46.1	46.1	47.2	47.8	47.8	47.8	47.9	47.9	47.9
GE 2500	39.1	46.2	46.9	47.5	49.2	49.2	50.0	50.6	50.6	52.1	52.8	52.8	52.8	52.9	52.9	52.9
GE 2000	43.7	52.0	52.9	53.8	55.7	55.7	56.6	57.1	57.1	58.7	59.4	59.4	59.4	59.5	59.5	59.5
GE 1800	44.3	52.8	53.8	54.7	57.0	57.0	58.0	58.5	58.5	60.2	60.9	60.9	60.9	61.0	61.0	61.0
GE 1500	46.1	56.0	57.0	58.8	61.2	61.3	62.4	63.1	63.1	64.8	65.5	65.5	65.5	65.6	65.6	65.6
GE 1200	48.3	59.2	61.2	63.4	65.9	66.3	67.5	68.4	68.6	70.7	71.6	71.6	71.6	71.8	71.8	71.8
GE 1000	48.7	60.5	62.6	65.1	68.3	68.7	69.8	71.1	71.2	73.5	74.4	74.4	74.4	74.7	74.7	74.7
GE 900	48.9	60.8	62.8	65.4	68.9	69.3	70.5	71.9	72.1	74.3	75.3	75.3	75.3	75.7	75.7	75.7
GE 800	49.6	61.9	64.1	66.6	70.1	70.5	72.1	73.6	73.7	76.0	77.0	77.0	77.0	77.7	77.7	77.7
GE 700	50.1	63.1	65.6	68.2	71.9	72.3	74.0	75.6	75.7	78.1	79.1	79.1	79.1	79.7	79.7	79.7
GE 600	50.3	64.7	67.9	70.5	75.4	75.8	78.2	80.0	80.3	83.0	84.1	84.5	84.9	84.9	84.9	84.9
GE 500	50.4	65.1	68.3	70.9	76.1	76.5	78.9	80.9	81.1	84.2	85.3	85.8	86.5	86.5	86.5	86.5
GE 400	50.4	65.2	68.9	71.5	76.8	77.2	80.0	83.1	83.5	86.9	89.0	89.4	90.1	90.1	90.2	90.2
GE 300	50.4	65.2	68.9	71.6	77.2	77.7	80.4	83.5	83.9	87.3	90.2	90.8	92.0	92.0	92.2	92.2
GE 200	50.4	65.2	68.9	71.6	77.4	77.8	80.6	83.7	84.1	87.6	91.3	91.9	93.3	93.4	94.4	94.4
GE 100	50.4	65.2	68.9	71.6	77.5	77.9	80.7	83.8	84.2	87.7	92.2	92.7	94.1	94.3	95.4	95.4
GE 0	50.4	65.2	68.9	71.6	77.5	77.9	80.7	83.8	84.2	87.7	92.2	92.7	94.6	94.8	96.4	100

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GF 0
NO CEIL	19.7	20.2	20.3	20.3	20.6	20.6	20.6	20.6	20.6	21.1	21.1	21.1	21.3	21.3	21.3	21.3
GE 20000	21.0	21.4	21.6	21.6	21.8	21.8	21.8	21.8	21.8	22.4	22.4	22.4	22.5	22.5	22.5	22.5
GE 18000	21.7	22.4	22.5	22.5	22.8	22.8	22.8	22.8	22.8	23.4	23.4	23.4	23.5	23.5	23.5	23.5
GE 16000	22.3	23.1	23.2	23.2	23.5	23.5	23.5	23.5	23.5	24.1	24.1	24.1	24.2	24.2	24.2	24.2
GE 14000	22.4	23.2	23.4	23.4	23.7	23.7	23.7	23.7	23.7	24.2	24.2	24.2	24.2	24.4	24.4	24.4
GE 12000	22.8	23.7	23.8	23.8	24.1	24.1	24.1	24.1	24.1	24.6	24.6	24.6	24.8	24.8	24.8	24.8
GE 10000	23.2	24.1	24.2	24.2	24.5	24.5	24.5	24.5	24.5	25.1	25.1	25.1	25.2	25.2	25.2	25.2
GE 9000	23.4	24.6	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.6	25.6	25.6	25.8	25.8	25.8	25.8
GE 8000	24.4	26.1	26.2	26.2	26.5	26.5	26.5	26.5	26.5	27.0	27.0	27.0	27.2	27.2	27.2	27.2
GE 7000	26.5	29.3	29.4	29.4	29.7	29.7	29.7	29.7	29.7	30.3	30.3	30.3	30.4	30.4	30.4	30.4
GE 6000	27.0	30.1	30.3	30.3	30.5	30.5	30.5	30.5	30.5	31.1	31.1	31.1	31.2	31.2	31.2	31.2
GE 5000	28.6	31.8	31.9	31.9	32.2	32.2	32.2	32.2	32.2	32.8	32.8	32.8	32.9	32.9	32.9	32.9
GE 4500	30.5	34.0	34.2	34.2	34.5	34.5	34.5	34.5	34.5	35.0	35.0	35.0	35.2	35.2	35.2	35.2
GE 4000	34.6	38.2	38.4	38.4	38.7	38.7	38.7	38.7	38.7	39.4	39.4	39.4	39.5	39.5	39.5	39.5
GE 3500	36.8	42.0	42.4	42.4	42.7	42.7	43.4	43.6	43.6	44.3	44.5	44.5	44.7	44.7	44.7	44.7
GE 3000	38.0	44.1	44.5	44.7	45.0	45.0	45.7	45.8	45.8	46.5	46.9	47.1	47.2	47.2	47.2	47.2
GE 2500	41.7	48.3	48.7	48.9	49.7	49.7	50.4	50.6	50.6	51.7	52.1	52.2	52.4	52.4	52.4	52.4
GE 2000	47.3	55.7	56.6	56.9	58.0	58.0	59.0	59.1	59.1	60.2	60.6	60.8	60.9	60.9	60.9	60.9
GE 1800	48.5	57.0	58.0	58.3	59.4	59.4	60.4	60.5	60.5	61.6	62.0	62.2	62.3	62.3	62.3	62.3
GE 1500	50.1	60.1	61.3	61.8	64.0	64.0	65.3	65.4	65.4	66.5	66.9	67.1	67.2	67.2	67.2	67.2
GE 1200	52.1	63.0	65.1	66.2	69.2	69.2	70.4	70.6	70.6	71.7	72.3	72.4	72.5	72.5	72.5	72.5
GE 1000	53.1	64.7	66.9	68.1	71.7	71.7	73.1	73.4	73.4	74.8	75.6	75.8	75.9	75.9	75.9	75.9
GE 900	53.1	65.0	67.9	69.2	73.2	73.2	74.6	74.9	74.9	76.5	77.3	77.5	77.6	77.6	77.6	77.6
GE 800	53.6	66.2	69.5	70.7	75.1	75.1	76.6	77.0	77.0	78.7	79.8	80.0	80.1	80.1	80.1	80.1
GE 700	53.6	66.2	69.5	70.9	75.6	75.6	77.3	77.7	77.7	79.4	80.5	80.7	80.8	80.8	80.8	80.8
GE 600	54.2	67.6	71.3	73.1	78.3	78.3	80.3	80.8	81.2	83.3	84.5	84.6	84.7	84.7	84.7	84.7
GE 500	54.2	67.8	71.6	73.5	78.7	78.7	81.0	81.5	81.9	84.6	85.7	86.0	86.6	86.6	86.7	86.7
GE 400	54.3	68.1	72.0	74.1	79.7	79.7	82.1	82.8	83.3	86.3	88.4	88.7	89.5	89.6	89.9	89.9
GE 300	54.3	68.6	73.0	75.1	80.8	80.8	83.2	83.9	84.5	87.4	90.2	90.8	92.7	93.0	93.6	93.6
GE 200	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.6	91.2	93.4	93.8	95.1	95.2
GE 100	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.8	91.3	93.6	94.0	95.9	96.6
GE 0	54.3	68.6	73.0	75.1	80.8	81.0	83.5	84.2	84.9	87.8	90.9	91.5	93.7	94.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.9	27.9	28.0	28.0	28.0	28.0
GE 20000	28.2	29.0	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.6	29.6	29.6	29.6
GE 18000	28.7	29.6	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	30.0	30.0	30.1	30.1	30.1	30.1
GE 16000	29.1	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.5	30.5	30.7	30.7
GE 14000	29.3	30.1	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.7	30.7	30.8	30.8
GE 12000	29.7	30.5	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.1	31.1	31.2	31.2
GE 10000	30.5	31.4	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.9	31.9	32.1	32.1
GE 9000	30.7	31.5	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9	32.1	32.1	32.2	32.2
GE 8000	31.4	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.8	32.8	32.9	32.9	33.1	33.1
GE 7000	32.6	34.0	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.6	34.6	34.7	34.7	34.9	34.9
GE 6000	33.2	34.6	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	35.2	35.2	35.3	35.3	35.4	35.4
GE 5000	35.3	36.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.5	37.5	37.7	37.7
GE 4500	37.5	39.1	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.9	39.9	40.1	40.1	40.2	40.2
GE 4000	41.0	43.1	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.1	44.1	44.3	44.3
GE 3500	44.1	46.8	47.3	47.3	48.0	48.0	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9	49.0	49.0
GE 3000	46.4	49.3	49.9	50.0	51.0	51.0	51.5	51.5	51.5	51.5	51.8	51.8	52.0	52.0	52.1	52.1
GE 2500	50.4	54.2	54.8	54.9	55.9	55.9	56.4	56.4	56.4	56.9	57.1	57.1	57.3	57.3	57.4	57.4
GE 2000	53.5	59.0	59.5	59.9	61.6	61.6	62.6	62.6	62.6	63.0	63.3	63.3	63.4	63.4	63.6	63.6
GE 1800	54.8	60.5	61.3	61.9	63.9	63.9	65.0	65.0	65.0	65.4	65.7	65.7	65.8	65.8	66.0	66.0
GE 1500	56.3	62.2	63.3	64.3	66.8	66.8	68.8	68.8	68.8	69.2	69.6	69.7	69.9	69.9	70.0	70.0
GE 1200	58.7	65.5	67.8	68.8	72.1	72.3	74.4	74.4	74.4	74.8	75.2	75.4	75.6	75.6	75.8	75.8
GE 1000	59.8	67.2	69.7	70.7	74.6	74.8	77.0	77.0	77.0	77.5	78.0	78.3	78.6	78.6	78.7	78.7
GE 900	60.6	68.2	71.1	72.3	76.5	76.6	79.0	79.0	79.0	79.4	80.0	80.3	80.5	80.5	80.7	80.7
GE 800	61.2	69.2	72.5	73.8	78.6	78.7	81.2	81.5	81.5	81.9	82.6	82.9	83.2	83.2	83.3	83.3
GE 700	61.2	69.2	73.0	74.4	79.4	79.6	82.8	83.3	83.3	83.9	84.7	85.2	85.4	85.4	85.7	85.7
GE 600	61.6	70.0	73.8	75.5	80.8	81.0	84.6	85.2	85.4	86.8	87.8	88.2	88.7	88.7	88.9	88.9
GE 500	61.6	70.0	73.9	75.8	81.4	81.5	85.4	86.0	86.4	87.8	88.8	89.2	89.8	89.8	90.1	90.1
GE 400	62.0	70.4	74.4	76.5	82.2	82.5	86.8	87.4	87.8	89.4	91.5	91.9	92.4	92.4	92.7	92.7
GE 300	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.0	93.4	94.5	94.8	95.5	95.5
GE 200	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.4	93.8	95.1	95.7	96.9	97.1
GE 100	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.4	93.8	95.1	95.7	96.9	98.0
GE 0	62.2	70.6	74.5	76.6	82.5	82.8	87.3	88.0	88.4	90.1	93.6	94.0	95.2	95.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	23.8	24.6	24.8	25.0	25.3	25.3	25.5	25.5	25.5	25.7	25.9	25.9	26.0	26.0	26.0
GE 20000	24.8	25.8	26.1	26.2	26.5	26.5	26.7	26.8	26.8	27.1	27.3	27.3	27.4	27.4	27.4
GE 18000	25.5	26.6	26.6	27.0	27.3	27.3	27.5	27.6	27.6	27.9	28.0	28.1	28.2	28.2	28.2
GE 16000	25.9	27.0	27.3	27.4	27.8	27.8	28.0	28.1	28.1	28.3	28.5	28.5	28.6	28.6	28.6
GE 14000	26.1	27.2	27.5	27.6	28.0	28.0	28.2	28.3	28.3	28.5	28.7	28.7	28.8	28.8	28.9
GE 12000	26.5	27.7	28.0	28.2	28.5	28.5	28.7	28.8	28.8	29.0	29.2	29.2	29.3	29.3	29.4
GE 10000	26.9	28.3	28.5	28.7	29.1	29.1	29.3	29.3	29.3	29.6	29.8	29.8	29.9	29.9	29.9
GE 9000	27.1	28.5	28.8	28.9	29.3	29.3	29.5	29.6	29.6	29.8	30.0	30.0	30.1	30.1	30.2
GE 8000	28.6	30.2	30.5	30.7	31.1	31.1	31.3	31.4	31.4	31.6	31.8	31.9	32.0	32.0	32.0
GE 7000	30.4	32.3	32.6	32.9	33.2	33.3	33.4	33.5	33.5	33.8	34.0	34.0	34.1	34.1	34.2
GE 6000	31.4	33.6	33.9	34.1	34.5	34.5	34.7	34.8	34.8	35.1	35.3	35.3	35.4	35.4	35.4
GE 5000	33.1	35.6	35.9	36.1	36.6	36.7	36.8	36.9	36.9	37.3	37.5	37.5	37.6	37.6	37.6
GE 4500	35.0	37.8	38.2	38.4	38.9	38.9	39.1	39.2	39.2	39.6	39.7	39.8	39.9	39.9	39.9
GE 4000	38.4	41.6	42.1	42.3	42.9	42.9	43.2	43.4	43.4	43.7	43.9	44.0	44.1	44.1	44.1
GE 3500	41.8	45.6	46.4	46.8	47.6	47.6	48.1	48.3	48.3	48.7	49.0	49.0	49.2	49.2	49.2
GE 3000	43.5	47.9	48.9	49.3	50.2	50.2	50.8	51.0	51.0	51.4	51.7	51.8	51.9	51.9	52.0
GE 2500	47.3	52.6	53.7	54.2	55.3	55.3	55.9	56.2	56.2	56.9	57.3	57.3	57.4	57.4	57.5
GE 2000	51.7	58.2	59.6	60.3	61.8	61.9	62.8	63.0	63.0	63.9	64.3	64.3	64.5	64.5	64.5
GE 1800	52.7	59.7	61.3	62.1	63.9	64.0	64.9	65.2	65.2	66.1	66.5	66.5	66.7	66.7	66.8
GE 1500	54.3	62.4	64.2	65.4	67.8	67.8	69.0	69.3	69.3	70.3	70.7	70.8	71.0	71.0	71.0
GE 1200	56.8	66.1	68.5	70.0	73.1	73.2	74.7	75.1	75.2	76.3	76.9	77.0	77.3	77.3	77.4
GE 1000	57.7	67.4	70.0	71.6	75.2	75.3	77.0	77.5	77.6	78.8	79.6	79.6	80.0	80.0	80.1
GE 900	58.1	68.1	70.9	72.6	76.5	76.6	78.3	79.0	79.1	80.4	81.2	81.3	81.7	81.7	81.8
GE 800	58.6	69.0	72.0	73.9	78.0	78.1	79.9	80.8	80.8	82.2	83.1	83.2	83.6	83.6	83.7
GE 700	58.9	69.5	72.8	74.7	79.1	79.2	81.2	82.2	82.2	83.6	84.6	84.8	85.2	85.2	85.4
GE 600	59.3	70.4	74.1	76.1	81.1	81.3	83.6	84.8	85.0	86.7	88.0	88.1	88.7	88.7	89.0
GE 500	59.4	70.8	74.6	76.7	81.9	82.1	84.7	86.0	86.2	88.1	89.4	89.6	90.3	90.3	90.7
GE 400	59.5	71.0	75.0	77.2	82.6	82.8	85.6	87.1	87.3	89.5	91.6	91.8	92.6	92.7	93.1
GE 300	59.5	71.1	75.1	77.4	82.9	83.1	85.9	87.5	87.7	89.9	92.7	92.9	94.1	94.3	94.9
GE 200	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.8	90.1	93.1	93.4	94.9	95.1	96.2
GE 100	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.9	90.2	93.3	93.6	95.2	95.5	96.8
GE 0	59.5	71.1	75.1	77.4	83.0	83.2	86.0	87.6	87.9	90.2	93.5	93.8	95.4	95.8	97.2

TOTAL NUMBER OF OBSERVATIONS: 5729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.0	37.8	38.2	38.4	39.3	39.3	39.3	39.3	39.3	39.8	40.7	40.7	40.7	40.7	41.0	42.4
GE 20000	37.2	37.9	38.4	38.4	39.5	39.5	39.5	39.5	39.5	39.9	40.9	40.9	40.9	40.9	41.2	42.5
GE 18000	37.6	38.6	39.0	39.0	40.1	40.1	40.1	40.1	40.1	40.6	41.5	41.5	41.5	41.5	41.8	43.2
GE 16000	38.2	39.2	39.6	39.6	40.9	40.9	40.9	40.9	40.9	41.3	42.4	42.4	42.4	42.4	42.7	44.1
GE 14000	38.2	39.2	39.6	39.6	40.9	40.9	40.9	40.9	40.9	41.3	42.4	42.4	42.4	42.4	42.7	44.1
GE 12000	38.7	39.6	40.1	40.2	41.3	41.3	41.3	41.3	41.3	41.8	42.9	42.9	42.9	42.9	43.2	44.5
GE 10000	39.6	40.6	41.0	41.2	42.2	42.2	42.2	42.2	42.2	42.7	43.8	43.8	43.8	43.8	44.1	45.5
GE 9000	39.6	40.6	41.0	41.2	42.2	42.2	42.2	42.2	42.2	42.9	43.9	43.9	43.9	43.9	44.2	45.6
GE 8000	42.5	43.5	43.9	44.1	45.2	45.2	45.3	45.3	45.3	45.8	47.0	47.0	47.0	47.0	47.3	48.7
GE 7000	43.3	44.4	44.9	45.0	46.1	46.1	46.4	46.4	46.4	46.9	48.8	48.8	48.8	48.8	49.3	50.7
GE 6000	43.5	44.5	45.0	45.2	46.2	46.2	46.5	46.5	46.5	47.0	49.0	49.0	49.0	49.0	49.5	50.8
GE 5000	44.9	45.9	46.4	46.5	48.1	48.1	48.4	48.4	48.4	48.8	50.8	50.8	50.8	50.8	51.3	52.7
GE 4500	45.9	47.0	47.5	47.6	49.2	49.2	49.5	49.5	49.5	49.9	51.9	51.9	51.9	51.9	52.4	53.8
GE 4000	47.6	49.8	50.4	50.5	52.1	52.1	52.4	52.4	52.4	52.8	54.8	54.8	54.8	54.8	55.3	56.7
GE 3500	48.5	51.3	52.4	52.5	54.1	54.1	54.4	54.4	54.4	54.8	56.8	56.8	56.8	56.8	57.3	58.7
GE 3000	49.3	52.2	53.3	53.5	55.5	55.5	55.8	55.8	55.8	56.2	58.4	58.4	58.7	58.7	59.1	60.5
GE 2500	49.9	53.5	55.0	55.3	57.5	57.5	57.8	57.9	57.9	58.4	60.5	60.5	60.8	60.8	61.3	62.7
GE 2000	52.1	56.5	58.8	59.4	61.8	61.8	62.5	62.7	62.7	63.1	65.6	65.6	66.1	66.1	66.5	67.9
GE 1800	52.5	57.5	59.9	60.7	63.1	63.1	64.1	64.2	64.2	64.7	67.1	67.1	67.6	67.6	68.0	69.4
GE 1500	52.8	57.9	60.7	61.4	64.5	64.5	65.4	65.7	65.7	66.2	68.7	68.7	69.1	69.1	69.6	71.0
GE 1200	53.8	59.8	63.6	65.1	69.6	69.7	71.0	71.7	71.7	72.2	74.7	74.7	75.1	75.1	75.6	77.1
GE 1000	54.5	60.5	64.7	66.5	71.6	71.7	73.0	73.7	73.7	74.2	76.7	76.7	77.1	77.1	77.6	79.3
GE 900	54.8	61.0	65.1	67.0	72.2	72.4	73.6	74.7	74.7	75.1	77.9	77.9	78.3	78.3	78.8	80.5
GE 800	55.0	61.6	65.7	67.7	73.9	74.0	76.0	77.3	77.3	77.7	80.8	80.8	81.4	81.6	82.0	83.9
GE 700	55.0	61.8	66.1	68.2	74.7	74.8	76.8	78.0	78.0	78.5	81.9	81.9	82.5	82.6	83.1	84.9
GE 600	55.0	61.9	66.2	68.5	75.0	75.1	77.1	78.3	78.3	79.0	82.3	82.3	82.9	83.6	84.0	85.9
GE 500	55.1	62.1	66.4	68.7	75.1	75.3	77.6	79.0	79.0	80.2	83.7	84.2	85.7	86.3	86.9	88.9
GE 400	55.1	62.2	66.5	69.1	76.3	76.5	78.8	80.5	80.5	81.7	86.0	86.6	88.3	88.9	89.9	91.9
GE 300	55.1	62.2	66.5	69.1	76.5	76.7	79.0	80.6	80.6	82.0	86.5	87.1	90.0	90.8	92.2	94.2
GE 200	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.6	87.4	90.5	91.6	94.2	96.3
GE 100	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.8	87.6	90.8	92.0	94.9	97.7
GE 0	55.1	62.2	66.5	69.3	76.7	76.8	79.1	80.8	80.8	82.2	86.9	87.7	91.1	92.3	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(151): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	35.8	36.7	37.6	37.6	39.0	39.0	39.0	39.0	39.2	39.3	40.1	40.1	40.6	40.6	40.6	42.4		
GE 20000	36.3	37.2	38.1	38.1	39.5	39.5	39.5	39.5	39.6	39.8	40.6	40.6	41.0	41.0	41.0	42.9		
GE 18000	36.3	37.2	38.1	38.1	39.8	39.8	39.8	39.8	39.9	40.1	41.0	41.0	41.5	41.5	41.5	43.3		
GE 16000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 14000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 12000	36.3	37.2	38.1	38.1	39.9	39.9	39.9	39.9	40.1	40.2	41.2	41.2	41.6	41.6	41.6	43.5		
GE 10000	36.6	37.5	38.4	38.4	40.2	40.2	40.2	40.2	40.4	40.6	41.5	41.5	41.9	41.9	41.9	43.8		
GE 9000	37.0	37.9	38.9	38.9	40.7	40.7	40.7	40.7	40.9	41.0	41.9	41.9	42.4	42.4	42.4	44.2		
GE 8000	38.7	39.8	41.0	41.0	42.9	42.9	42.9	42.9	43.0	43.2	44.1	44.1	44.5	44.5	44.5	46.4		
GE 7000	40.1	41.2	42.4	42.4	44.2	44.2	44.2	44.2	44.4	44.5	45.9	45.9	46.5	46.5	46.5	48.8		
GE 6000	40.6	41.6	42.9	42.9	44.7	44.7	44.7	44.7	44.9	45.0	46.4	46.4	47.0	47.0	47.5	49.3		
GE 5000	42.5	43.6	44.9	44.9	47.2	47.2	47.2	47.2	47.3	47.5	48.8	48.8	49.5	49.5	49.9	51.8		
GE 4500	43.2	44.2	45.6	45.6	47.9	47.9	47.9	47.9	48.1	48.2	49.6	49.6	50.2	50.2	50.7	52.5		
GE 4000	44.2	45.5	46.9	47.0	49.3	49.3	49.3	49.3	49.5	49.6	51.0	51.0	51.6	51.6	52.1	53.9		
GE 3500	45.6	47.2	48.8	49.0	51.3	51.3	51.5	51.5	51.6	51.8	53.1	53.1	53.8	53.8	54.2	56.1		
GE 3000	46.9	48.4	50.1	50.2	53.1	53.1	53.3	53.3	53.5	53.6	55.3	55.3	55.9	55.9	56.4	58.2		
GE 2500	49.3	51.6	54.1	54.4	57.3	57.3	57.5	57.5	57.6	57.8	59.4	59.4	60.1	60.1	60.7	62.5		
GE 2000	51.6	54.7	57.5	58.1	61.3	61.3	62.7	62.7	62.8	63.0	64.7	64.7	65.3	65.3	65.9	67.7		
GE 1800	51.8	55.5	58.4	59.1	62.5	62.8	64.2	64.2	64.4	64.5	66.2	66.2	66.8	66.8	67.4	69.3		
GE 1500	52.1	56.4	59.6	60.8	64.5	64.8	66.4	66.4	66.5	66.7	68.7	68.7	69.3	69.3	69.9	71.7		
GE 1200	53.9	59.3	63.0	64.4	68.0	68.5	70.0	70.5	70.7	70.8	72.8	72.8	73.4	73.4	74.0	75.9		
GE 1000	55.0	60.4	64.2	65.6	69.9	70.4	71.9	72.4	72.5	72.7	74.7	74.7	75.3	75.3	75.9	77.7		
GE 900	55.1	60.7	64.7	66.2	70.7	71.1	72.7	73.3	73.4	73.6	75.6	75.6	76.2	76.2	76.8	78.6		
GE 800	55.3	61.0	65.4	67.1	72.0	72.5	74.2	74.8	75.0	75.1	77.1	77.1	77.7	77.7	78.5	80.3		
GE 700	55.6	61.8	66.2	68.7	74.7	75.1	76.8	77.4	77.6	77.7	79.7	79.7	80.3	80.5	81.1	83.1		
GE 600	55.9	62.1	66.8	69.4	76.0	76.5	78.5	79.1	79.3	79.4	81.7	81.9	82.6	83.3	83.9	86.2		
GE 500	55.9	62.1	67.0	69.6	76.8	77.3	79.3	80.0	80.2	80.6	82.9	83.3	84.9	85.6	86.5	89.1		
GE 400	56.4	62.5	67.4	70.2	77.7	78.2	80.2	81.0	81.1	82.0	85.7	86.0	88.0	88.8	90.0	92.6		
GE 300	56.4	62.7	67.6	70.4	78.0	78.5	80.5	81.3	81.4	82.3	86.3	86.6	89.4	90.2	92.5	95.2		
GE 200	56.4	62.7	67.6	70.4	78.0	78.5	80.5	81.3	81.4	82.3	86.5	86.8	90.3	91.2	94.5	97.4		
GE 100	56.4	62.7	67.7	70.5	78.2	78.6	80.6	81.4	81.6	82.5	86.6	86.9	90.6	91.6	94.9	98.3		
GE 0	56.4	62.7	67.7	70.5	78.2	78.6	80.6	81.4	81.6	82.5	86.6	86.9	91.2	92.2	96.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.4	37.8	39.2	39.8	40.9	40.9	41.2	41.2	41.2	41.6	42.1	42.2	42.9	42.9	42.9	44.2
GE 20000	36.9	38.2	39.6	40.2	41.3	41.3	41.6	41.6	41.6	42.1	42.5	42.7	43.3	43.3	43.3	44.7
GE 18000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 16000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 14000	37.0	38.4	39.8	40.4	41.5	41.5	41.8	41.8	41.8	42.2	42.7	42.9	43.5	43.5	43.5	45.2
GE 12000	37.0	38.4	39.9	40.6	41.6	41.6	41.9	41.9	41.9	42.4	42.9	43.0	43.6	43.6	43.6	45.3
GE 10000	38.1	39.5	41.0	41.6	42.7	42.7	43.0	43.0	43.0	43.5	43.9	44.1	44.7	44.7	44.7	46.4
GE 9000	38.6	39.9	41.5	42.1	43.2	43.2	43.5	43.5	43.5	43.9	44.4	44.5	45.2	45.2	45.2	46.9
GE 8000	39.3	40.7	42.2	42.9	44.1	44.1	44.5	44.5	44.5	45.2	45.6	45.8	46.4	46.4	46.4	48.1
GE 7000	39.8	41.2	42.7	43.3	44.9	44.9	45.3	45.3	45.3	45.9	46.9	47.0	47.6	47.6	47.6	49.3
GE 6000	39.9	41.3	42.9	43.5	45.0	45.0	45.5	45.5	45.5	46.1	47.0	47.2	47.8	47.8	48.2	49.9
GE 5000	41.3	42.7	44.2	44.9	46.5	46.5	47.0	47.0	47.0	47.6	48.5	48.7	49.3	49.3	49.8	51.5
GE 4500	42.1	43.6	45.2	45.8	47.6	47.6	48.1	48.1	48.1	48.7	49.6	49.8	50.4	50.4	50.8	52.5
GE 4000	42.9	44.4	46.1	46.7	48.5	48.5	49.0	49.0	49.0	49.6	50.7	50.8	51.5	51.5	51.9	53.6
GE 3500	43.9	46.1	47.8	48.4	50.2	50.2	50.8	50.8	50.8	51.5	52.5	52.7	53.3	53.3	53.8	55.5
GE 3000	45.6	47.8	49.5	50.1	52.1	52.1	52.7	52.7	52.7	53.3	54.5	54.7	55.3	55.3	55.8	57.5
GE 2500	47.6	50.8	53.0	54.4	56.4	56.4	57.0	57.0	57.0	57.6	58.8	59.0	59.6	59.6	60.2	61.9
GE 2000	49.9	54.1	56.8	58.4	60.5	60.5	62.2	62.2	62.2	62.8	64.2	64.4	65.0	65.0	65.6	67.3
GE 1800	50.1	54.2	57.5	59.0	61.3	61.3	63.1	63.1	63.1	63.7	65.1	65.3	65.9	65.9	66.5	68.4
GE 1500	52.2	56.7	60.4	62.4	65.3	65.3	67.3	67.3	67.3	67.9	69.4	69.6	70.4	70.4	71.0	72.8
GE 1200	54.5	59.8	63.6	65.7	68.8	68.8	70.8	71.9	71.9	72.5	74.2	74.3	75.1	75.1	75.7	77.6
GE 1000	55.1	60.8	65.3	67.7	71.0	71.0	73.0	74.0	74.0	74.7	76.5	76.7	77.4	77.6	78.2	80.3
GE 900	55.3	61.0	65.4	68.0	71.6	71.6	73.6	74.7	74.7	75.3	77.3	77.4	78.2	78.3	79.1	81.3
GE 800	55.5	61.1	65.6	68.5	73.1	73.1	75.1	76.5	76.5	77.4	79.4	79.6	80.3	80.6	81.4	83.3
GE 700	55.6	61.6	66.4	69.3	74.2	74.2	76.2	77.6	77.6	78.6	80.8	81.0	81.7	82.0	82.8	84.6
GE 600	55.6	61.8	67.1	70.2	75.7	75.7	77.9	79.6	79.6	80.6	82.8	82.9	83.7	84.0	84.9	86.9
GE 500	55.8	62.1	67.4	70.5	76.3	76.3	78.8	80.5	80.5	81.7	84.3	84.5	85.6	86.0	87.1	89.1
GE 400	56.2	62.7	68.2	71.4	77.3	77.3	79.7	81.9	81.9	84.0	86.9	87.1	88.8	89.2	90.5	92.5
GE 300	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	87.7	87.9	89.6	90.0	91.7	94.0
GE 200	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.2	90.8	93.5	96.9
GE 100	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.2	90.9	93.7	97.4
GE 0	56.2	62.7	68.2	71.4	77.4	77.4	79.9	82.3	82.3	84.5	88.0	88.2	90.8	91.6	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 0
NO CLIL	34.4	36.1	36.9	37.0	37.9	37.9	38.9	39.0	39.2	39.9	40.4	40.4	40.9	40.9	41.2	42.1
GE 20000	34.9	36.6	37.3	37.5	38.4	38.4	39.3	39.5	39.6	40.4	40.9	40.9	41.3	41.3	41.6	42.5
GE 18000	35.0	36.7	37.5	37.6	38.6	38.6	39.5	39.6	39.8	40.6	41.0	41.0	41.5	41.5	41.8	42.7
GE 16000	35.0	36.7	37.5	37.6	38.6	38.6	39.5	39.6	39.8	40.6	41.0	41.0	41.5	41.5	41.8	42.7
GE 14000	35.3	37.0	37.8	37.4	38.9	38.9	39.8	39.9	40.1	40.9	41.3	41.3	41.8	41.8	42.1	43.0
GE 12000	35.5	37.5	38.2	38.4	39.3	39.3	40.2	40.4	40.6	41.3	41.8	41.8	42.2	42.2	42.5	43.5
GE 10000	36.1	38.1	38.9	39.0	39.9	39.9	40.9	41.0	41.2	41.9	42.4	42.4	42.9	42.9	43.2	44.1
GE 9000	36.4	38.4	39.2	39.3	40.2	40.2	41.2	41.3	41.5	42.2	42.7	42.7	43.2	43.2	43.5	44.4
GE 8000	36.9	39.0	39.8	39.9	40.9	40.9	41.8	41.9	42.1	42.9	43.3	43.3	43.8	43.8	44.1	45.0
GE 7000	37.8	39.9	40.7	40.9	41.9	41.9	42.9	43.0	43.2	43.9	44.7	44.7	45.2	45.2	45.5	46.4
GE 6000	38.1	40.2	41.0	41.2	42.2	42.2	43.2	43.3	43.5	44.2	45.0	45.0	45.6	45.6	45.9	46.9
GE 5000	39.3	41.5	42.2	42.4	43.5	43.5	44.4	44.5	44.7	45.5	46.2	46.2	46.9	46.9	47.2	48.1
GE 4500	40.6	42.7	43.5	43.6	44.7	44.7	45.6	45.8	45.9	46.7	47.5	47.5	48.1	48.1	48.4	49.3
GE 4000	41.8	44.1	44.9	45.2	46.5	46.7	47.8	48.1	48.2	49.0	49.8	49.8	50.4	50.4	50.7	51.6
GE 3500	43.9	46.5	47.3	47.6	49.0	49.2	50.2	50.5	50.7	51.5	52.2	52.2	52.8	52.8	53.1	54.1
GE 3000	45.5	48.4	49.2	49.6	51.3	51.5	52.5	52.8	53.0	53.8	54.5	54.5	55.1	55.1	55.5	56.4
GE 2500	47.5	51.5	52.5	53.0	55.0	55.3	56.4	56.8	57.0	57.8	58.5	58.5	59.1	59.1	59.4	60.4
GE 2000	50.2	54.5	55.6	56.4	58.5	59.0	60.2	60.7	60.8	61.6	62.4	62.4	63.1	63.1	63.4	64.4
GE 1800	50.5	54.8	55.9	56.7	58.8	59.3	60.5	61.1	61.3	62.1	63.1	63.1	63.9	63.9	64.2	65.1
GE 1500	51.8	56.7	58.2	59.1	61.8	62.4	63.7	64.5	64.7	65.6	67.4	67.4	68.2	68.2	68.5	69.9
GE 1200	53.8	59.9	61.6	62.8	65.9	66.5	67.9	69.0	69.1	70.2	72.0	72.0	72.8	72.8	73.1	74.5
GE 1000	54.7	61.3	63.1	64.5	67.9	68.5	70.0	71.1	71.3	72.5	75.1	75.1	75.9	76.0	76.3	77.7
GE 900	54.7	61.3	63.6	65.0	69.3	69.9	71.4	72.5	72.7	74.0	76.7	76.7	77.4	77.6	77.9	79.3
GE 800	55.1	62.1	64.8	66.4	71.3	72.0	73.9	75.0	75.1	76.5	79.7	79.7	80.5	80.6	81.0	82.3
GE 700	55.1	62.5	65.4	67.0	72.5	73.3	75.3	76.5	76.7	78.0	81.3	81.3	82.0	82.2	82.5	83.9
GE 600	55.1	62.7	66.7	68.2	74.2	75.0	77.3	78.5	78.6	80.0	83.3	83.3	84.0	84.2	84.5	85.9
GE 500	55.8	63.9	68.4	70.0	76.2	77.1	79.4	80.6	80.8	82.3	85.7	85.7	86.8	86.9	87.3	89.1
GE 400	55.8	64.1	68.5	70.2	76.5	77.4	80.2	81.6	81.7	83.9	87.4	87.4	88.6	88.8	89.6	91.6
GE 300	55.8	64.1	68.5	70.2	76.5	77.4	80.5	82.0	82.2	84.6	88.5	88.5	90.3	90.5	91.2	93.9
GE 200	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.3	82.5	84.9	88.9	88.9	90.9	91.1	92.6	95.4
GE 100	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.5	82.6	85.1	89.4	89.4	91.4	91.6	93.1	96.2
GE 0	55.8	64.1	68.7	70.4	76.7	77.6	80.8	82.5	82.6	85.1	89.6	89.6	92.2	92.5	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	31.2	33.3	34.1	34.1	35.0	35.0	35.3	35.8	35.8	35.8	36.1	36.4	36.4	36.7	37.0
GE 20000	31.2	33.5	34.3	34.3	35.3	35.3	35.6	36.1	36.1	36.1	36.4	36.7	36.7	37.0	37.3
GE 18000	32.0	34.7	35.8	35.8	36.9	36.9	37.2	37.6	37.6	37.6	37.9	38.2	38.2	38.6	38.9
GE 16000	32.4	35.3	36.7	36.9	37.9	37.9	38.2	38.7	38.7	38.7	39.0	39.3	39.3	39.6	39.9
GE 14000	33.9	36.9	38.2	38.4	39.5	39.5	39.8	40.2	40.2	40.2	40.6	40.9	40.9	41.2	41.5
GE 12000	34.4	37.5	38.9	39.0	40.1	40.1	40.4	40.9	40.9	40.9	41.2	41.5	41.5	41.8	42.1
GE 10000	35.2	38.2	39.6	39.8	40.9	40.9	41.2	41.6	41.6	41.6	41.9	42.2	42.2	42.5	42.9
GE 9000	35.3	38.6	39.9	40.1	41.2	41.2	41.5	41.9	41.9	41.9	42.2	42.5	42.5	42.9	43.2
GE 8000	36.4	40.1	41.6	41.9	43.2	43.2	43.6	44.1	44.1	44.1	44.5	44.9	44.9	45.2	45.5
GE 7000	37.3	41.3	42.9	43.2	44.4	44.4	44.9	45.3	45.3	45.3	45.8	46.1	46.2	46.5	46.9
GE 6000	37.3	41.5	43.0	43.3	44.5	44.5	45.0	45.5	45.5	45.5	45.9	46.2	46.4	46.7	47.0
GE 5000	37.9	42.1	43.6	43.9	45.2	45.2	45.6	46.1	46.1	46.2	46.5	46.9	47.0	47.3	47.6
GE 4500	39.3	43.5	45.0	45.3	46.5	46.5	47.0	47.5	47.5	47.6	47.9	48.2	48.4	48.7	49.0
GE 4000	41.3	45.8	47.3	47.6	48.8	48.8	49.3	49.9	49.9	50.2	50.5	50.8	51.0	51.3	51.6
GE 3500	43.0	47.6	49.2	49.5	50.8	50.8	51.3	51.9	51.9	52.2	52.5	52.8	53.0	53.3	53.6
GE 3000	43.5	48.1	49.6	49.9	51.3	51.3	51.8	52.4	52.4	52.7	53.0	53.3	53.5	53.8	54.1
GE 2500	46.1	51.0	52.7	53.0	54.5	54.5	55.0	55.6	55.6	56.1	56.7	57.0	57.1	57.5	57.8
GE 2000	48.8	54.5	56.5	56.8	58.5	58.5	59.0	59.6	59.6	60.2	60.8	61.1	61.4	61.8	62.1
GE 1800	49.2	55.1	57.1	57.5	59.1	59.1	59.6	60.2	60.2	60.8	61.4	61.8	62.1	62.4	62.7
GE 1500	50.5	56.8	59.0	59.4	61.3	61.3	61.8	62.4	62.4	63.0	64.1	64.4	64.8	65.1	65.4
GE 1200	51.2	59.0	61.8	62.4	64.7	64.7	65.7	66.4	66.4	67.1	68.2	68.5	69.1	69.4	69.7
GE 1000	51.9	60.5	63.6	65.0	68.0	68.2	69.6	70.7	70.8	72.0	73.4	73.7	74.5	74.8	75.1
GE 900	51.9	60.8	64.5	66.1	69.1	69.3	70.7	71.7	71.9	73.1	74.5	74.8	75.7	76.0	76.3
GE 800	52.1	61.3	65.0	66.5	69.7	69.9	71.7	72.8	73.0	74.5	76.2	76.5	77.4	77.7	78.0
GE 700	52.4	62.8	66.8	68.4	71.9	72.0	74.2	75.4	75.7	77.4	79.3	79.6	80.5	81.0	81.3
GE 600	52.7	63.6	67.6	69.3	73.4	73.7	76.0	77.3	77.7	80.3	82.5	82.8	84.0	84.6	84.9
GE 500	52.7	63.7	67.7	69.4	73.6	74.0	76.7	77.9	78.5	81.3	84.0	84.3	85.6	86.2	86.5
GE 400	52.7	64.1	68.2	69.9	74.3	74.8	77.4	78.6	79.3	82.3	86.3	86.6	88.0	88.6	89.2
GE 300	52.7	64.1	68.2	69.9	74.3	74.8	77.4	79.0	79.6	83.4	88.3	88.8	90.5	91.1	92.0
GE 200	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.8	90.2	90.6	92.5	93.1	94.2
GE 100	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.9	91.2	91.7	93.7	94.3	95.4
GE 0	53.3	65.0	69.1	70.8	75.4	75.9	78.5	80.2	80.8	84.9	91.2	91.7	94.0	94.6	95.9

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	31.8	34.7	35.2	35.2	36.1	36.1	36.1	37.0	37.0	37.6	38.2	38.2	38.9	39.0	39.0	39.5
GE 20000	32.0	35.0	35.5	35.5	36.4	36.4	36.4	37.3	37.3	37.9	38.6	38.6	39.2	39.3	39.3	39.8
GE 18000	32.0	35.5	36.1	36.4	37.3	37.3	37.3	38.2	38.2	38.9	39.5	39.5	40.1	40.2	40.2	40.7
GE 16000	32.6	36.1	36.7	37.0	37.9	37.9	37.9	38.9	38.9	39.5	40.1	40.1	40.9	41.0	41.0	41.8
GE 14000	33.0	36.6	37.3	37.6	38.6	38.6	38.6	39.5	39.5	40.1	40.9	40.9	41.6	41.8	41.9	42.7
GE 12000	33.8	37.3	38.2	38.7	39.6	39.6	39.6	40.6	40.6	41.2	41.9	41.9	42.9	43.0	43.2	43.9
GE 10000	34.3	38.2	39.2	39.6	40.6	40.6	40.6	41.5	41.5	42.1	42.9	42.9	43.8	43.9	44.1	44.9
GE 9000	34.4	38.4	39.3	39.8	40.7	40.7	40.7	41.6	41.6	42.2	43.0	43.0	43.9	44.1	44.2	45.0
GE 8000	35.5	39.9	40.9	41.3	42.2	42.2	42.2	43.2	43.2	43.8	44.5	44.5	45.5	45.6	45.8	46.5
GE 7000	37.3	42.2	43.2	43.8	44.7	44.7	44.7	45.6	45.6	46.2	47.0	47.0	47.9	48.1	48.2	49.0
GE 6000	37.9	43.5	44.4	45.0	45.9	45.9	45.9	46.9	46.9	47.5	48.2	48.2	49.2	49.3	49.5	50.2
GE 5000	38.2	43.8	44.7	45.3	46.2	46.2	46.2	47.2	47.2	47.8	48.5	48.5	49.5	49.6	49.8	50.5
GE 4500	39.9	45.5	46.4	47.0	47.9	47.9	47.9	48.8	48.8	49.5	50.2	50.2	51.2	51.3	51.5	52.2
GE 4000	42.7	48.7	49.6	50.2	51.5	51.5	51.5	52.4	52.4	53.0	53.8	53.8	54.7	54.8	55.0	55.8
GE 3500	44.7	50.8	51.8	52.4	53.6	53.6	53.6	54.5	54.5	55.1	55.9	55.9	56.8	57.0	57.1	57.9
GE 3000	45.5	51.8	52.7	53.6	54.8	54.8	54.8	55.8	55.8	56.4	57.1	57.1	58.1	58.2	58.4	59.1
GE 2500	46.5	53.5	54.4	55.3	56.5	56.5	56.5	57.5	57.5	58.1	58.8	58.8	59.8	59.9	60.4	61.1
GE 2000	48.5	55.9	57.0	57.9	59.1	59.1	59.1	60.1	60.1	60.7	61.4	61.4	62.4	62.5	63.0	63.7
GE 1800	48.8	56.4	57.5	58.4	59.8	59.8	59.8	60.7	60.7	61.3	62.2	62.2	63.1	63.3	63.7	64.5
GE 1500	50.8	58.8	60.1	61.0	62.4	62.4	62.4	63.3	63.3	64.1	65.0	65.0	65.9	66.1	66.7	67.6
GE 1200	52.7	62.2	63.9	65.3	67.6	67.9	68.2	69.1	69.1	69.9	70.8	70.8	71.7	71.9	72.5	73.4
GE 1000	52.5	63.3	65.3	66.8	69.4	69.7	70.2	71.7	71.7	72.5	73.9	73.9	74.8	75.0	75.6	76.5
GE 900	52.7	63.7	65.7	67.3	70.0	70.4	71.0	72.5	72.5	73.3	74.7	74.7	75.6	75.7	76.3	77.3
GE 800	53.1	64.5	66.8	68.4	71.9	72.2	73.0	74.5	74.7	75.4	76.8	76.8	77.7	77.9	78.5	79.7
GE 700	53.1	64.7	67.0	68.7	72.4	72.7	73.9	75.4	75.6	76.5	77.9	77.9	78.8	79.0	79.6	81.0
GE 600	53.5	65.4	67.7	69.4	73.7	74.0	75.3	76.8	77.0	78.2	79.6	79.6	80.5	80.8	81.9	83.3
GE 500	53.5	65.9	68.4	70.0	74.8	75.3	76.7	78.3	78.6	80.5	82.5	82.5	83.7	84.2	85.3	86.6
GE 400	53.5	66.1	68.5	70.4	75.6	76.0	77.4	79.1	79.6	81.9	85.3	85.6	87.3	87.7	88.8	90.5
GE 300	54.1	66.7	69.1	71.0	76.3	76.6	78.3	80.0	80.5	82.9	87.4	87.7	90.0	90.6	91.7	93.7
GE 200	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.3	89.1	89.6	91.9	92.5	93.5	95.7
GE 100	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.6	89.7	90.2	92.6	93.4	94.6	97.4
GE 0	54.1	66.7	69.3	71.1	76.5	77.0	78.5	80.6	81.1	84.6	89.7	90.2	92.9	93.7	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.3	37.2	37.6	38.1	38.6	38.7	38.9	39.2	39.2	39.6	39.8	39.8	40.1	40.1	40.6	41.5
GE 20000	35.5	37.6	38.1	38.6	39.0	39.2	39.3	39.6	39.6	40.1	40.2	40.2	40.6	40.6	41.0	41.9
GE 18000	35.6	37.8	38.2	38.7	39.2	39.3	39.5	39.8	39.8	40.2	40.4	40.4	40.7	40.7	41.2	42.1
GE 16000	36.4	38.7	39.2	39.6	40.1	40.2	40.4	40.7	40.7	41.2	41.3	41.3	41.6	41.6	42.1	43.0
GE 14000	36.4	38.7	39.2	39.6	40.1	40.2	40.4	40.7	40.7	41.2	41.6	41.6	42.1	42.1	42.5	43.5
GE 12000	37.2	39.5	40.4	40.9	41.3	41.5	41.6	41.9	41.9	42.4	42.9	42.9	43.3	43.3	43.8	44.7
GE 10000	37.5	40.2	41.2	41.8	42.2	42.4	42.5	42.9	42.9	43.3	43.8	43.8	44.2	44.2	44.7	45.6
GE 9000	37.5	40.2	41.2	41.8	42.2	42.4	42.5	42.9	42.9	43.3	43.8	43.8	44.2	44.2	44.7	45.6
GE 8000	38.7	41.5	42.5	43.2	43.6	43.8	43.9	44.2	44.2	44.7	45.2	45.2	45.6	45.6	46.1	47.0
GE 7000	40.7	43.5	44.5	45.3	46.1	46.2	46.4	46.7	46.7	47.2	47.6	47.6	48.1	48.1	48.7	49.9
GE 6000	41.9	45.0	46.1	46.9	47.6	47.8	47.9	48.2	48.2	48.7	49.2	49.2	49.6	49.6	50.2	51.5
GE 5000	42.4	45.5	46.5	47.3	48.1	48.2	48.4	48.7	48.7	49.2	49.6	49.6	50.1	50.1	50.7	51.9
GE 4500	44.2	47.5	48.7	49.5	50.2	50.4	50.5	50.8	50.8	51.3	51.8	51.8	52.2	52.2	52.8	54.1
GE 4000	46.2	50.2	51.5	52.2	53.3	53.6	53.8	54.1	54.1	54.5	55.0	55.0	55.5	55.5	56.1	57.3
GE 3500	47.6	52.5	53.8	54.5	55.6	55.9	56.1	56.4	56.4	56.8	57.3	57.3	57.8	57.8	58.4	59.6
GE 3000	48.8	54.2	55.5	56.4	57.5	57.8	57.9	58.2	58.2	58.7	59.1	59.1	59.6	59.6	60.2	61.4
GE 2500	49.8	55.6	57.5	58.4	59.6	59.9	60.2	60.5	60.5	61.0	61.4	61.4	61.9	61.9	63.0	64.2
GE 2000	50.5	57.9	59.8	60.8	62.7	63.0	63.4	63.7	63.7	64.2	65.0	65.0	65.4	65.4	66.5	67.7
GE 1800	50.7	58.1	60.1	61.1	63.1	63.8	63.9	64.2	64.2	64.7	65.4	65.4	65.9	65.9	67.0	68.2
GE 1500	51.8	59.6	61.8	62.8	65.3	65.6	66.2	66.5	66.5	67.0	67.7	67.7	68.2	68.2	69.3	70.5
GE 1200	52.5	60.8	63.1	64.5	67.6	68.0	68.8	69.7	69.1	69.7	70.5	70.5	71.0	71.0	72.0	73.3
GE 1000	52.8	61.9	64.4	65.7	69.0	69.4	70.2	71.3	71.3	72.0	73.1	73.1	74.0	74.0	75.1	76.7
GE 900	53.1	62.5	65.3	66.7	69.9	70.4	71.4	72.5	72.5	73.4	74.5	74.5	75.4	75.4	76.5	78.0
GE 800	53.8	63.1	66.1	67.4	70.7	71.1	72.4	73.4	73.4	74.3	75.6	75.6	76.5	76.7	77.7	79.3
GE 700	54.1	63.7	67.1	68.5	72.7	73.1	74.3	75.4	75.4	76.5	77.7	77.7	78.6	78.6	79.9	81.6
GE 600	54.5	64.2	67.6	69.3	73.6	74.0	75.3	76.3	76.3	77.4	78.6	78.6	79.6	79.6	80.2	82.9
GE 500	54.8	64.8	68.2	70.0	74.3	74.8	76.0	77.1	77.1	78.6	79.9	79.9	81.1	81.7	82.8	84.8
GE 400	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.4	79.7	81.3	84.0	84.0	85.9	86.6	87.7	90.0
GE 300	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.6	79.9	81.4	85.7	85.7	88.2	89.1	90.6	93.2
GE 200	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.6	86.3	86.3	88.9	89.9	91.9	94.6
GE 100	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.7	86.6	86.6	89.4	90.3	92.9	95.7
GE 0	55.3	65.6	69.6	71.4	75.7	76.3	78.2	79.7	80.0	81.7	86.6	86.6	89.9	91.1	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

3
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SKY COVER

STATION 120 CAPE ROMAN OF AFS AK
STATION NAME

77-84

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTH OF SKY COVER	TOTAL NUMBER OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	5.2			17.8						27.4	47.6	7.6	744
	03-05	6.2			17.3						27.2	49.3	7.4	744
	06-08	5.1			17.9						29.4	48.7	8.2	744
	09-11	1.2			14.4						41.7	42.7	8.5	744
	12-14	1.1			12.4						43.8	42.7	8.6	744
	15-17	.4			11.2						41.0	47.8	8.7	744
	18-20	.7			13.0						37.6	48.7	8.5	744
	21-23	2.3			21.4						26.7	50.5	8.1	744

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

77-84

254

MONTH	HOURS (EST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTH OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	2.0			21.7						10.9	55.6	8.0	720
	03-05	5.1			17.4					10.2	58.3	8.1	720	
	06-08	3.8			12.1					30.4	53.0	8.5	720	
	09-11	2.6			6.9					40.2	46.4	8.7	720	
	12-14	1.1			9.9					42.4	46.7	8.8	720	
	15-17	.4			9.6					37.0	52.1	8.9	720	
	18-20	1.0			9.9					37.4	51.0	8.6	720	
	21-23	1.7			15.1					26.8	56.4	8.5	720	
TOTALS		5.3			13.1						32.0	52.6	8.5	5760

3

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A: 336

54.



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78-84

JUL

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GLOBAL CLIMATOLOGY BRANCH
JMAFETAC
AND WEATHER SERVICE/MAC

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JUN

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	3.2			14.0						24.1	52.1	8.4	633
	03-05	3.9			13.7						25.2	57.3	8.4	630
	06-08	1.2			14.4						28.6	55.1	8.5	630
	09-11	1.4			15.2						30.8	54.6	8.6	633
	12-14	1.4			13.2						31.6	53.7	8.6	629
	15-17	1.0			15.8						31.8	51.4	8.5	626
	18-20	1.4			15.4						31.3	51.0	8.5	630
	21-23	1.2			14.4						28.7	54.9	8.5	630
TOTALS		2.1			14.3						29.0	54.6	8.5	5035

SKY CO'

78-64

AP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
APR	00-02	6.5			22.9						20.7	49.5	7.5
	03-05	11.9			21.5						20.9	45.6	7.1
	06-08	7.7			19.5						26.0	46.9	7.6
	09-11	5.2			19.7						30.0	45.0	7.8
	12-14	5.2			18.9						30.6	45.2	7.8
	15-17	3.5			17.8						32.0	46.7	8.1
	18-20	2.0			15.8						33.0	46.2	8.3
	21-23	2.7			19.7						26.4	51.2	8.1
TOTALS		5.9			12.5						27.4	47.3	7.8

SKY CO

74-84

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
MAY	00-02	15.9			22.7						10.8	39.7	6.3
	03-05	20.7			19.2						10.4	41.8	6.4
	06-08	17.5			15.8						27.4	40.3	6.7
	09-11	10.5			19.7						36.1	33.6	7.2
	12-14	10.8			26.5						20.4	34.4	6.8
	15-17	9.3			29.1						26.3	35.4	6.9
	18-20	5.7			27.0						20.3	38.0	7.2
	21-23	8.5			26.7						27.2	41.6	7.0
TOTALS		12.7			23.7						25.5	38.1	6.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COV

70.120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

78-24

FBI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
FEB	00-02	22.1			27.9						14.7	29.3	5.1
	03-05	31.4			23.4						14.0	31.2	5.1
	06-08	30.5			24.0						13.7	31.7	5.1
	09-11	15.4			30.1						23.9	30.7	6.1
	12-14	10.2			29.7						20.4	30.7	6.6
	15-17	6.1			33.1						30.2	30.7	6.8
	18-20	5.1			37.7						27.6	29.6	6.6
	21-23	15.4			35.9						17.1	31.6	5.4
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USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY CO'

78-84

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MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	
		0	1	2	3	4	5	6	7	8	9		10
JAN.	00-02	17.3			21.5						19.9	39.6	6.3
	03-05	20.0			23.7						18.9	37.4	6.2
	06-08	21.3			14.6						19.7	39.4	6.3
	09-11	14.2			21.7						27.0	44.1	6.9
	12-14	7.4			14.9						30.1	42.6	7.6
	15-17	5.6			21.3						31.8	41.3	7.6
	18-20	6.7			22.9						27.7	42.6	7.4
	21-23	15.6			20.4						22.2	41.8	6.8
TOTALS		17.3			21.4						23.7	41.1	6.9

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL DRY COVER

FOR AIRWAYS STATIONS IN SAMPLES OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE
TOTAL DRY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-84
MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	25.0	26.4	26.8	27.0	27.5	27.5	27.8	27.9	27.9	28.0	28.3	28.3	28.5	28.5	28.6	28.6
GE 20000	26.5	28.0	28.4	28.6	29.1	29.1	29.4	29.5	29.5	29.7	30.0	30.0	30.1	30.2	30.3	30.3
GE 18000	27.1	28.7	29.2	29.4	29.9	29.9	30.2	30.3	30.3	30.4	30.8	30.8	30.9	31.0	31.0	31.1
GE 16000	27.4	29.0	29.5	29.7	30.2	30.2	30.5	30.6	30.6	30.6	31.1	31.1	31.1	31.3	31.4	31.4
GE 14000	27.6	29.2	29.7	29.9	30.4	30.4	30.7	30.8	30.8	30.9	31.3	31.3	31.3	31.5	31.5	31.6
GE 12000	28.0	29.6	30.1	30.3	30.8	30.9	31.1	31.3	31.3	31.4	31.7	31.8	31.9	32.0	32.1	32.1
GE 10000	28.7	30.4	30.9	31.1	31.6	31.7	31.9	32.1	32.1	32.2	32.6	32.6	32.8	32.8	32.9	33.1
GE 9000	29.4	31.1	31.6	31.8	32.3	32.4	32.6	32.8	32.8	32.9	33.3	33.3	33.5	33.5	33.6	33.6
GE 8000	31.4	33.3	33.9	34.1	34.7	34.7	35.0	35.1	35.2	35.3	35.6	35.7	35.8	35.9	36.0	36.1
GE 7000	33.5	35.5	36.1	36.4	37.0	37.0	37.3	37.5	37.5	37.6	38.0	38.0	38.2	38.2	38.4	38.4
GE 6000	34.2	36.4	37.0	37.3	37.9	37.9	38.2	38.4	38.4	38.5	38.9	38.9	39.1	39.2	39.3	39.3
GE 5000	35.5	37.8	38.5	38.8	39.4	39.5	39.8	39.9	39.9	40.1	40.5	40.5	40.7	40.7	40.9	41.1
GE 4500	36.6	39.0	39.7	40.0	40.6	40.7	41.0	41.2	41.2	41.3	41.7	41.7	42.0	42.0	42.1	42.2
GE 4000	39.0	41.7	42.4	42.8	43.5	43.6	43.9	44.1	44.1	44.3	44.7	44.7	45.0	45.0	45.1	45.2
GE 3500	42.0	45.1	46.0	46.5	47.3	47.4	47.8	47.9	47.9	48.2	48.6	48.6	48.9	48.9	49.0	49.1
GE 3000	43.8	47.3	48.2	48.6	49.7	49.8	50.2	50.4	50.4	50.6	51.1	51.1	51.4	51.4	51.5	51.6
GE 2500	46.5	50.5	51.6	52.2	53.2	53.3	53.8	54.0	54.0	54.3	54.7	54.8	55.0	55.1	55.2	55.3
GE 2000	49.3	54.0	55.3	56.0	57.2	57.3	57.9	58.1	58.1	58.4	58.9	59.0	59.3	59.3	59.5	59.6
GE 1800	50.3	55.3	56.6	57.3	58.6	58.7	59.3	59.6	59.6	59.9	60.5	60.5	60.8	60.8	61.0	61.1
GE 1500	52.5	58.1	59.6	60.5	62.1	62.2	62.9	63.2	63.2	63.6	64.1	64.2	64.5	64.5	64.7	64.8
GE 1200	56.0	62.6	64.5	65.6	67.5	67.7	68.6	69.0	69.0	69.5	70.2	70.2	70.6	70.6	70.8	71.0
GE 1000	57.5	64.5	66.6	67.8	70.0	70.2	71.3	71.7	71.8	72.3	73.1	73.1	73.5	73.6	73.8	74.0
GE 900	58.4	65.8	68.0	69.3	71.6	71.8	72.9	73.4	73.5	74.1	75.0	75.0	75.4	75.5	75.7	75.8
GE 800	59.0	66.7	69.1	70.5	72.9	73.2	74.4	75.0	75.1	75.7	76.7	76.7	77.2	77.2	77.4	77.5
GE 700	59.6	67.7	70.2	71.6	74.3	74.6	75.9	76.6	76.7	77.3	78.4	78.5	78.9	79.0	79.2	79.3
GE 600	60.6	69.1	71.8	73.4	76.5	76.8	78.3	79.1	79.2	80.0	81.3	81.3	81.8	82.0	82.2	82.3
GE 500	61.6	70.6	73.6	75.4	78.8	79.1	80.8	81.7	81.9	82.9	84.3	84.4	85.1	85.2	85.5	85.6
GE 400	62.7	72.5	75.9	77.9	81.7	82.2	84.1	85.3	85.5	86.7	88.7	88.9	89.7	89.8	90.2	90.3
GE 300	63.0	73.2	76.8	79.1	83.3	83.7	85.9	87.3	87.5	88.9	91.4	91.5	92.6	92.8	93.3	93.4
GE 200	63.1	73.4	77.2	79.5	84.0	84.5	86.8	88.3	88.6	90.2	93.2	93.3	94.7	94.9	95.8	95.9
GE 100	63.1	73.5	77.2	79.6	84.1	84.7	87.0	88.6	88.9	90.6	94.0	94.2	95.9	96.1	97.3	97.4
GE 0	63.1	73.5	77.2	79.6	84.1	84.7	87.1	88.6	88.9	90.6	94.1	94.3	96.2	96.4	97.8	97.9

TOTAL NUMBER OF OBSERVATIONS: 64240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	35.1	36.7	37.4	37.5	38.5	38.5	38.7	38.9	39.0	39.4	40.0	40.0	40.3	40.4	40.6	41.
GE 20000	35.3	37.0	37.7	37.8	38.8	38.8	39.0	39.3	39.3	39.7	40.3	40.3	40.7	40.7	40.9	42.
GE 18000	35.7	37.5	38.2	38.4	39.4	39.5	39.7	39.9	39.9	40.4	40.9	41.0	41.3	41.4	41.6	42.
GE 16000	36.1	37.9	38.7	38.9	40.0	40.0	40.2	40.5	40.5	40.9	41.5	41.6	41.9	42.0	42.1	43.
GE 14000	36.3	38.2	39.0	39.2	40.3	40.3	40.5	40.8	40.8	41.2	41.9	41.9	42.3	42.4	42.6	43.
GE 12000	36.7	38.7	39.6	39.8	40.9	40.9	41.1	41.3	41.4	41.8	42.5	42.5	42.9	43.0	43.2	44.
GE 10000	37.4	39.5	40.4	40.6	41.7	41.8	42.0	42.2	42.2	42.7	43.3	43.4	43.8	43.8	44.0	45.
GE 9000	37.6	39.7	40.6	40.9	42.0	42.0	42.2	42.5	42.5	42.9	43.6	43.6	44.0	44.1	44.3	45.
GE 8000	38.8	41.0	42.0	42.3	43.5	43.5	43.7	44.0	44.0	44.5	45.1	45.2	45.6	45.7	45.9	47.
GE 7000	40.0	42.4	43.4	43.7	45.0	45.0	45.3	45.5	45.6	46.0	47.0	47.1	47.5	47.6	47.9	49.
GE 6000	40.4	43.0	43.9	44.3	45.5	45.6	45.9	46.1	46.1	46.6	47.6	47.6	48.1	48.2	48.5	49.
GE 5000	41.5	44.0	45.0	45.3	46.7	46.7	47.0	47.3	47.3	47.8	48.7	48.8	49.3	49.3	49.7	50.
GE 4500	42.7	45.3	46.4	46.7	48.1	48.2	48.4	48.7	48.7	49.2	50.2	50.2	50.7	50.7	51.1	52.
GE 4000	44.4	47.5	48.6	49.0	50.5	50.6	50.9	51.1	51.2	51.7	52.6	52.7	53.2	53.2	53.6	54.
GE 3500	45.8	49.3	50.5	50.9	52.5	52.6	52.9	53.2	53.2	53.7	54.7	54.7	55.2	55.3	55.6	56.
GE 3000	46.9	50.6	51.8	52.3	54.1	54.1	54.5	54.8	54.8	55.3	56.4	56.4	56.9	57.0	57.4	58.
GE 2500	48.4	52.9	54.5	55.2	57.0	57.1	57.5	57.8	57.9	58.4	59.5	59.5	60.0	60.1	60.6	61.
GE 2000	50.5	55.9	57.8	58.7	60.8	60.9	61.6	61.9	62.0	62.5	63.7	63.8	64.3	64.4	65.0	66.
GE 1800	50.8	56.5	58.5	59.4	61.5	61.7	62.5	62.9	62.9	63.4	64.7	64.7	65.3	65.4	65.9	67.
GE 1500	51.9	58.1	60.4	61.5	64.0	64.2	65.1	65.5	65.6	66.1	67.6	67.6	68.3	68.3	68.9	70.
GE 1200	53.2	60.4	63.2	64.6	67.7	68.0	69.2	69.9	69.9	70.6	72.1	72.2	72.8	72.9	73.4	74.
GE 1000	53.9	61.4	64.5	66.1	69.6	69.9	71.2	72.2	72.3	73.0	74.9	74.9	75.6	75.7	76.3	77.
GE 900	54.1	61.8	65.1	66.8	70.5	70.8	72.2	73.2	73.3	74.1	76.0	76.1	76.8	76.9	77.5	79.
GE 800	54.4	62.3	65.6	67.6	71.8	72.1	73.9	75.0	75.1	76.0	78.1	78.2	79.0	79.1	79.7	81.
GE 700	54.7	63.0	66.7	68.6	73.3	73.6	75.5	76.7	76.7	77.8	80.0	80.0	80.8	81.0	81.6	83.
GE 600	54.9	63.4	67.3	69.4	74.5	74.8	76.8	78.0	78.1	79.3	81.6	81.8	82.6	83.1	83.7	85.
GE 500	55.1	63.7	67.8	69.9	75.2	75.7	77.8	79.0	79.2	80.7	83.3	83.5	84.7	85.2	86.0	87.
GE 400	55.3	64.1	68.3	70.5	76.1	76.6	78.8	80.3	80.5	82.4	85.8	86.1	87.7	88.3	89.3	91.
GE 300	55.3	64.2	68.4	70.6	76.3	76.7	79.1	80.6	80.9	82.9	87.0	87.3	89.5	90.1	91.5	93.
GE 200	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.4	87.7	88.0	90.6	91.3	93.4	96.
GE 100	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.5	88.0	88.4	91.1	91.9	94.2	97.
GE 0	55.4	64.3	68.6	70.8	76.5	77.0	79.3	81.0	81.2	83.5	88.1	88.4	91.6	92.4	95.0	100.

TOTAL NUMBER OF OBSERVATIONS: 5208

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702120 STATION NAME: CAPE ROMANZOF AFS AK

PERIOD OF RECORD: 77-83
MONTH: DEC HOURS(IST): 2100-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	38.7	39.8	40.1	40.1	41.0	41.0	41.0	41.0	41.0	41.5	42.2	42.2	42.4	42.4	42.4
GE 20000	38.7	39.8	40.1	40.1	41.0	41.0	41.0	41.0	41.0	41.5	42.2	42.2	42.4	42.4	42.4
GE 18000	39.8	40.9	41.2	41.2	42.2	42.2	42.2	42.2	42.2	42.7	43.5	43.5	43.6	43.6	43.6
GE 16000	40.6	41.8	42.1	42.1	43.2	43.2	43.2	43.2	43.2	43.6	44.4	44.4	44.5	44.5	44.5
GE 14000	40.6	41.8	42.1	42.1	43.2	43.2	43.2	43.2	43.2	43.6	44.4	44.4	44.7	44.7	44.9
GE 12000	41.0	42.2	42.5	42.5	43.8	43.8	43.8	43.8	43.8	44.2	45.0	45.0	45.3	45.3	45.5
GE 10000	41.9	43.5	43.8	43.8	45.2	45.2	45.2	45.2	45.2	45.6	46.4	46.4	46.7	46.7	46.9
GE 9000	41.9	43.5	43.8	43.8	45.3	45.3	45.3	45.3	45.3	45.8	46.5	46.5	46.9	46.9	47.0
GE 8000	42.2	43.8	44.1	44.1	45.6	45.6	45.6	45.6	45.6	46.1	46.9	46.9	47.2	47.2	47.3
GE 7000	43.8	45.5	45.8	46.1	47.6	47.6	47.6	47.6	47.6	48.1	49.3	49.3	49.8	49.8	49.9
GE 6000	44.2	45.9	46.2	46.5	48.1	48.1	48.1	48.1	48.1	48.5	49.8	49.8	50.2	50.2	50.4
GE 5000	45.0	46.9	47.2	47.5	49.0	49.0	49.0	49.0	49.0	49.5	50.7	50.7	51.2	51.2	51.3
GE 4500	46.2	48.5	49.2	49.5	51.0	51.0	51.0	51.0	51.0	51.5	52.7	52.7	53.1	53.1	53.3
GE 4000	48.1	51.5	52.1	52.4	53.9	53.9	53.9	53.9	53.9	54.4	55.6	55.6	56.1	56.1	56.2
GE 3500	49.0	52.7	53.3	53.6	55.1	55.3	55.3	55.3	55.3	55.8	57.0	57.0	57.5	57.5	57.6
GE 3000	49.8	54.2	55.0	55.3	57.0	57.1	57.1	57.1	57.1	57.6	58.8	58.8	59.3	59.3	59.4
GE 2500	50.4	55.6	56.8	57.8	59.6	59.8	59.8	59.8	59.8	60.2	61.4	61.4	61.9	61.9	62.1
GE 2000	52.4	59.1	60.5	61.6	63.6	63.7	63.9	63.9	63.9	64.4	65.6	65.6	66.1	66.1	66.7
GE 1800	52.8	60.1	61.4	62.5	64.5	64.7	65.1	65.1	65.1	65.6	66.8	66.8	67.3	67.3	67.9
GE 1500	53.5	61.6	63.6	64.7	67.1	67.3	68.0	68.0	68.0	68.5	69.7	69.7	70.2	70.2	70.8
GE 1200	54.1	62.2	64.8	66.2	69.3	69.4	71.0	71.4	71.4	72.0	73.7	73.7	74.2	74.2	74.8
GE 1000	54.7	62.8	65.7	67.1	70.2	70.4	72.0	72.7	72.7	73.6	75.6	75.6	76.0	76.0	76.7
GE 900	54.8	63.1	66.5	68.0	71.1	71.3	73.3	73.9	73.9	75.1	77.3	77.3	77.9	77.9	78.5
GE 800	55.5	63.7	67.1	68.7	71.9	72.2	75.0	75.7	75.7	77.0	79.4	79.4	80.2	80.2	80.8
GE 700	56.7	65.1	68.5	70.0	73.6	73.9	76.7	77.4	77.4	78.8	81.3	81.3	82.0	82.0	82.6
GE 600	57.0	65.4	68.8	70.5	74.2	74.5	77.4	78.2	78.2	79.7	82.2	82.6	83.4	83.9	84.5
GE 500	57.0	65.4	69.0	70.7	74.5	75.0	77.9	78.8	78.8	80.5	82.9	83.4	84.5	84.9	85.6
GE 400	57.1	65.7	69.7	71.4	75.3	75.7	78.6	80.3	80.3	82.0	85.1	85.6	86.8	87.6	88.8
GE 300	57.1	65.7	69.7	71.4	75.3	75.7	78.6	80.3	80.3	82.0	85.6	86.0	88.2	88.9	90.2
GE 200	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.7	86.2	89.4	90.3	92.6
GE 100	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.9	86.3	90.0	90.9	93.9
GE 0	57.1	65.9	69.9	71.6	75.4	75.9	78.8	80.5	80.5	82.2	85.9	86.3	90.3	91.2	94.3

TOTAL NUMBER OF OBSERVATIONS: 651

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77-84

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
		0	1	2	3	4	5	6	7	8	9	10
NOV	02-02	10.4			10.3						23.6	49.7
	03-05	9.9			16.2						19.9	54.9
	06-08	8.8			21.2						19.1	50.8
	09-11	4.3			19.7						28.6	47.3
	12-14	3.8			13.7						35.0	47.4
	15-17	3.5			14.4						30.9	51.3
	18-20	3.5			15.3						26.9	54.3
	21-23	6.9			15.1						20.5	54.5
TOTALS	6.4			16.9						25.9	51.3	

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GENERAL CLIMATOLOGY BRANCH
COMPTAC
AIR WEATHER SERVICE/MAL

✓

72122	CAPE ROMANOF AFS AK
STATION	STATION NAME

77-93

01/05/20

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS SKY COV	
		0	1	2	3	4	5	6	7	8	9		10
DEC	30-02	15.6			15.8						15.6	45.1	6.
	03-05	22.8			15.6						18.2	42.3	6.
	06-08	24.2			16.4						15.5	43.9	6.
	09-11	12.1			20.3						17.7	43.9	6.
	12-14	10.0			22.3						29.0	38.7	7.
	15-17	7.8			26.6						27.0	38.6	7.
	18-20	9.6			29.4						19.2	42.1	6.
	21-23	14.7			21.2						15.2	43.1	6.
TOTALS		15.5			21.5						19.9	42.2	6.

3
[1]
JUNIOR CLIMATOLOGY BRANCH
AFSTAC
AFW WEATHER SERVICE/MAC

SKY C

77-84
STATION NAME

77-84

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS TOTAL
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	13.			21.4						23.7	41.1	6.
FEB		17.8			30.2						21.3	30.7	5.
MAR		12.7			23.7						25.5	38.1	6.
APR		5.3			19.5						27.4	47.3	7.
MAY		5.6			21.0						32.8	40.6	7.
JUN		7.1			14.3						29.0	54.6	8.
JUL		1.4			11.2						22.6	64.8	8.
AUG		1.5			10.5						27.2	60.9	8.
SEP		7.3			13.1						32.0	52.6	8.
OCT		7.0			15.7						34.2	47.2	8.
NOV		6.4			16.9						25.4	51.3	7.
DEC		17.5			21.5						19.9	42.2	6.
TOTALS		7.4			18.3						26.8	47.6	7.

USAFETAC

FORM
JUL 64

0-9.5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

✓

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station H for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and record available. An annual (ALL MONTHS) value is selected when all months for a year have valid means and standard deviations are computed for months and annual when four or more values are present in any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

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3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR FORCE WEATHER SERVICE
 1-100 CAPE ROMAN OF ARS AK
 STATION NAME STATION NUMBER

DAILY TEMPERA

14-54, 67-74
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
3							.4	.4				
4					.1	1.9	1.5					
5					2.5	5.8	1.6					
6					1.4	4.1	15.7	1.1	2.2	.1		
7					1.1	21.8	35.9	33.0	7.3	.5		
8					11.8	37.7	65.8	67.8	25.3	1.2		
9	.8	.5	.3	.7	29.8	67.9	93.9	96.9	67.2	1.3	.1	.3
10	2.9	1.8	5.3	4.1	49.7	84.9	99.9	99.9	91.4	20.9	1.3	1.1
11	11.2	7.1	9.9	17.9	72.1	97.2	100.0	100.0	98.4	47.5	17.9	7.1
12	38.8	23.4	31.7	45.5	90.9	99.9			100.0	77.5	42.5	23.2
13	48.8	32.9	44.6	59.7	97.4	100.0				93.1	62.5	37.8
14	55.2	42.9	54.4	73.5	98.6					98.7	74.5	50.6
15	61.2	51.8	66.1	82.6	99.0					99.5	89.5	61.8
16	68.6	56.0	75.4	92.4	100.0					99.9	96.1	71.7
17	76.4	67.1	83.9	97.3						100.0	99.7	92.0
18	82.8	76.1	92.1	99.3							99.8	91.1
19	83.0	85.6	95.8	100.0							100.0	98.5
20	89.2	93.5	97.9									98.9
21	99.9	99.3	99.0									99.9
22	100.0	99.9	99.9									100.0
23		100.0	100.0									
24												
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MEAN	14.3	14.1	19.5	25.5	39.8	47.6	53.0	52.7	46.6	34.2	20.3	14.1
S.D.	15.84	15.67	13.38	10.10	8.47	6.32	6.55	5.61	5.31	6.68	4.61	4.86
TOTAL OBS	74	674	74	747	736	685	725	754	729	752	748	717

MONTHLY CLIMATOLOGY REPORT
 MONTHLY
 AIRCRAFT SERVICE/NAO
 1211 LAPE ROMAN OF AFB, AR
 STATION STATION NAME

DAILY TEMPERATURE

4-64, 69-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A
7								.1					
8							.1	.3					
9							.6	1.1					
10						.4	2.3	3.2					
11					.2	3.6	14.5	16.8	2.9	.3			
12	.1				2.2	16.4	52.7	65.6	22.4	.4			
13	.5				18.6	43.5	91.9	94.7	67.1	4.3			
14	1.9	.4	.7	1.9	31.6	75.8	99.7	99.6	86.0	17.4	1.0	.4	
15	1.5	1.3	1.5	3.7	41.6	88.7	99.9	100.0	94.2	28.1	4.5	2.2	
16	5.0	.3	5.7	12.0	60.5	97.4			77.9	46.5	11.4	5.4	
17	23.5	12.9	19.2	28.0	95.1	100.0			99.7	70.5	26.7	13.7	
18	31.2	19.4	29.5	43.1	95.4			100.0		88.0	46.5	25.2	
19	39.1	24.6	37.4	53.4	98.9					96.9	73.2	35.0	
20	47.2	35.4	47.9	65.5	99.2					94.5	84.2	46.4	
21	55.7	46.4	59.2	79.8	99.9					94.9	91.5	59.1	
22	65.4	57.4	72.5	91.4	100.0					100.0	95.8	71.4	
23	75.7	68.0	83.5	97.0							99.5	84.8	
24	86.5	81.2	91.7	99.5							100.0	94.1	
25	96.7	92.2	96.8	100.0								97.9	
26	99.2	97.9	98.6									99.3	
27	100.0	99.9	99.7									100.0	
28		100.0	100.0										
29													
30													
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100													
MEAN	8.4	4.1	5.9	15.7	31.1	36.9	45.1	46.0	40.5	25.2	11.5	9.7	
S.D.	15.096	15.164	14.251	11.417	6.941	5.419	4.476	4.445	5.113	7.059	9.051	10.030	17
TOTAL OBS	762	674	745	747	736	689	725	754	729	752	748	717	

NATIONAL METEOROLOGICAL SERVICE
 AIRCRAFT WEATHER SERVICE/AFAC
 STATION NO. 100 CAPE ROMULO, A.S. AM
 STATION NAME

DAILY TEMPERATURE

14-64, 57-64
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AN
7								.3					
6							1.1	1.2					
5					.1	.5	4.4	5.1					
4					.4	6.2	15.4	17.7	2.3	.3			
3					2.9	16.5	43.2	45.9	11.9	.5			
2	.3				10.1	40.1	52.5	34.0	44.2	1.3			
1	1.1	.1	.5	.9	17.7	77.8	96.6	99.2	90.5	11.3	.3	.4	
0	3.7	.4	3.2	6.0	54.3	93.3	100.0	100.0	56.3	53.1	5.7	2.9	
-1	15.0	10.8	18.0	24.2	80.8	99.6			99.6	61.4	74.2	11.4	
-2	2.1	2.1	17.3	44.5	73.5	100.0			100.0	54.0	84.4	75.2	
-3	41.1	35.7	24.9	57.9	92.5					90.3	60.4	35.4	
-4	51.6	39.8	51.5	67.7	95.2					98.8	63.4	45.7	
-5	59.7	49.9	63.1	82.9	99.7					99.9	91.0	60.5	
-6	67.5	59.1	75.3	92.8	100.0					100.0	96.8	73.4	
-7	76.2	65.7	83.9	97.9							99.2	83.0	
-8	85.0	77.0	91.9	99.5							100.0	92.9	
-9	95.5	83.0	96.2	100.0								97.4	
-10	99.1	95.3	98.3									99.0	
-11	100.0	99.7	99.7									100.0	1
-12		100.0	100.0										1
MEAN	13.5	12.2	14.4	20.9	35.6	43.5	49.2	49.6	43.7	71.4	72.8	13.5	
SD	14.500	15.332	13.527	11.519	7.444	6.433	5.271	4.809	5.000	6.723	8.609	12.708	17
TOTAL OBS	762	674	745	747	730	689	725	754	729	752	748	717	

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/WHAC

EXTREME VALUE

MAXIMUM TEMPERATURE
 FROM DAILY OBSERVATIONS

STATION NAME: CAPE ROMAN OF ARMENIA YEARS: 54-64, 64-64

WIND SPEEDS IN MPH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A. MON
54	32	33	40	38	51	55*	60*	61	58	51	42*	34	
55	33*	31	34	41	43	51	50	51	54	41	35*	32	
56	41	35	35	43	54	64	71	56	51	47	36*	40	
57	42	48	37	41	51	72	55	71	51*	42*	43*	32	
58	31	38	36*	43*	51*	52*	50						
59			14	31	50	51	50	55	51	52	34	30	
60	41	42	39*	41	50	67	70	64	51	47	40	37	
61	41	23	33	42	54	51	51	54	42	41	35	32	
62	33*	41	44	39	40	57	70	52	51	43	39	33	
63	42	37	35	32	43	56	60	54	52	47	35	40	
64	34	33	32	36									
65								53*	54*	47	25	40	
66	37						55	54	57	45	40*	35	
67	41	33	44	42	50	52	75	53	54	41	35	40	
68	34	34	35	34	49	51	70	73	55	47	36	37	
69	31	35	45	40	51*	65*	59	55	51	42	39	34	
70	39	33	43	45	71	60	75	71	60	72	36	20	
71	22	33	34	34	51	56	67	56	47	44	37	31	
72	31	31	34	41	49	59	64	72	59	45	39	32	
73	41	24	33	37	41	64	69	78	54	44	40	30	
74	33	34	37	40	51	60	63	68	55	72	39	37	
75	44	33	37	38	57	67	66	69	61	55	45	34	
76	33	41	37	39	49	57	70	57	57	47	36	34	
77	31	34	41	41	71	54	71	57	54	40	33	34	
78	34	42	35	34	40	69	61	61	55	40	36	30	
79	31	36	41	33	54	62	64	52	51	45	41	43	
80	33	4	44	44	59	60	70	50	51	40	38		
MEAN	37.1	34.4	37.4	40.5	55.1	62.5	57.4	65.7	56.1	42.1	35.1	34.1	
S.D.	4.52	4.33	5.12	3.29	7.42	5.69	5.13	5.12	4.50	5.02	2.57	5.25	
TOTAL OBS	76	674	745	747	736	689	723	754	729	752	748	717	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

AT LEAST ONE DAY LESS THAN 24 OBS

NATIONAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

EXTREME VALUE

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

STATION 10100 CAMP WOMAN OF AFS AX
 STATION NAME

1944 1945
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
4	-12	-23	-14	4	7	34	76	44	31	20	7	-11	
5	-12	-21	-11	-4	24	34	30	23	34	11	6	-17	
6	-12	-21	-22	-3	24	71	60	40	27	13	-4	-11	
7	-12	-16	-5	2	22	34	32	44	23	13	13	-20	
8	-14	-1	1	10	13	41	42						
9			1	-4	22	27	31	35	24	14	1	-14	
10	-21	-12	-2	-3	10	25	35	39	30	10	3	2	
11	-14	-17	-14	-11	20	34	37	39	33	14	-1	-22	
12	-10	2	-2	-3	10	27	41	37	29	14	-1	-6	
13	-11	-5	-4	-1	14	22	35	37	22	14	-4	-3	
14	-11	-22	-26	-11									
15	-14							30	42	13	2	-6	
16	-14						41	40	27	13	10	-1	
17	-21	-23	-24	-1	14	34	37	26	33	24	-1	-24	
18	-13	-11	-13	1	20	24	30	41	29	19	11	-7	
19	-22	-12	-20	1	14	30	39	34	21	14	5	-24	
20	-21	-24	-15	-3	23	31	40	45	37	16	-7	-19	
21	-12	-17	-14	-1	14	27	37	41	21	14	-5	-23	
22	-13	-20	-11	-5	21	30	35	41	34	4	3	-5	
23	-7	-7	-26	-12	14	25	41	44	24	12	-1	-11	
24		-26	-3	3	20	35	41	44	35	14	10	14	
25	4	-3	-17	3	34	34	41	45	22	22	14	-14	
26	-21	-9	-3	3	22	34	34	37	24	25	16	-1	
27	-1	-13	-4	14	27	32	24	34	24	17	1	-22	
28	-11	-4	-4	-7	7	23	40	42	30	11	-2	-2	
29	-14	-7	-7	-4	21	23	42	27	31	11	11	-3	
30	-11	-24	-3	-3	0	32	34	35	34	10	12		
MEAN	-13.1	-15.3	-11.4	-1.8	17.0	21.1	30.3	32.5	21.4	15.6	5.6	-7.4	-1
S.D.	7.373	7.245	6.520	6.363	7.454	6.174	2.671	3.253	3.244	5.232	7.111	7.441	5.2
TOTAL OBS.	762	674	745	747	733	689	723	754	729	752	748	717	5

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

STATION	STATION NAME	YEARS	MON
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HOURS ()

[illegible]

USAFETAC
FORM 0-26-5 (OLA)
REVISED PER PLUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 64

3

PSYCHROMETRIC SUMMARY

STATION NO. 100 STATION NAME 100 YEARS 100 MONTH 100

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	D
100																																				
95																																				
90																																				
85																																				
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Element (X)	ΣX	ΣX^2	\bar{X}	S^2	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	11.7	136.89	1.17	0.0078	10						
Dry Bulb	11.7	136.89	1.17	0.0078	10						
Wet Bulb	11.7	136.89	1.17	0.0078	10						
Dew Point	11.7	136.89	1.17	0.0078	10						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

STATION	STATION NAME	YEARS	MONTH
			HOURS (L. S.)

[illegible]

10

PSYCHROMETRIC SUM.

STAFF

STATION NAME

YEARS

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.265 (OL A)

FORM

USAFETYAC

AD A159 611 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER.. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 85
UNCLASSIFIED USAFETAC/DS-85/023 F/G 4/2

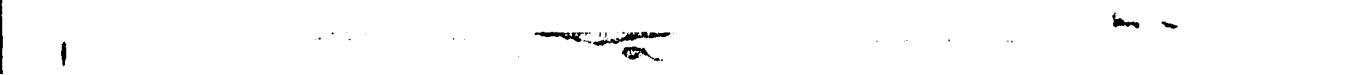
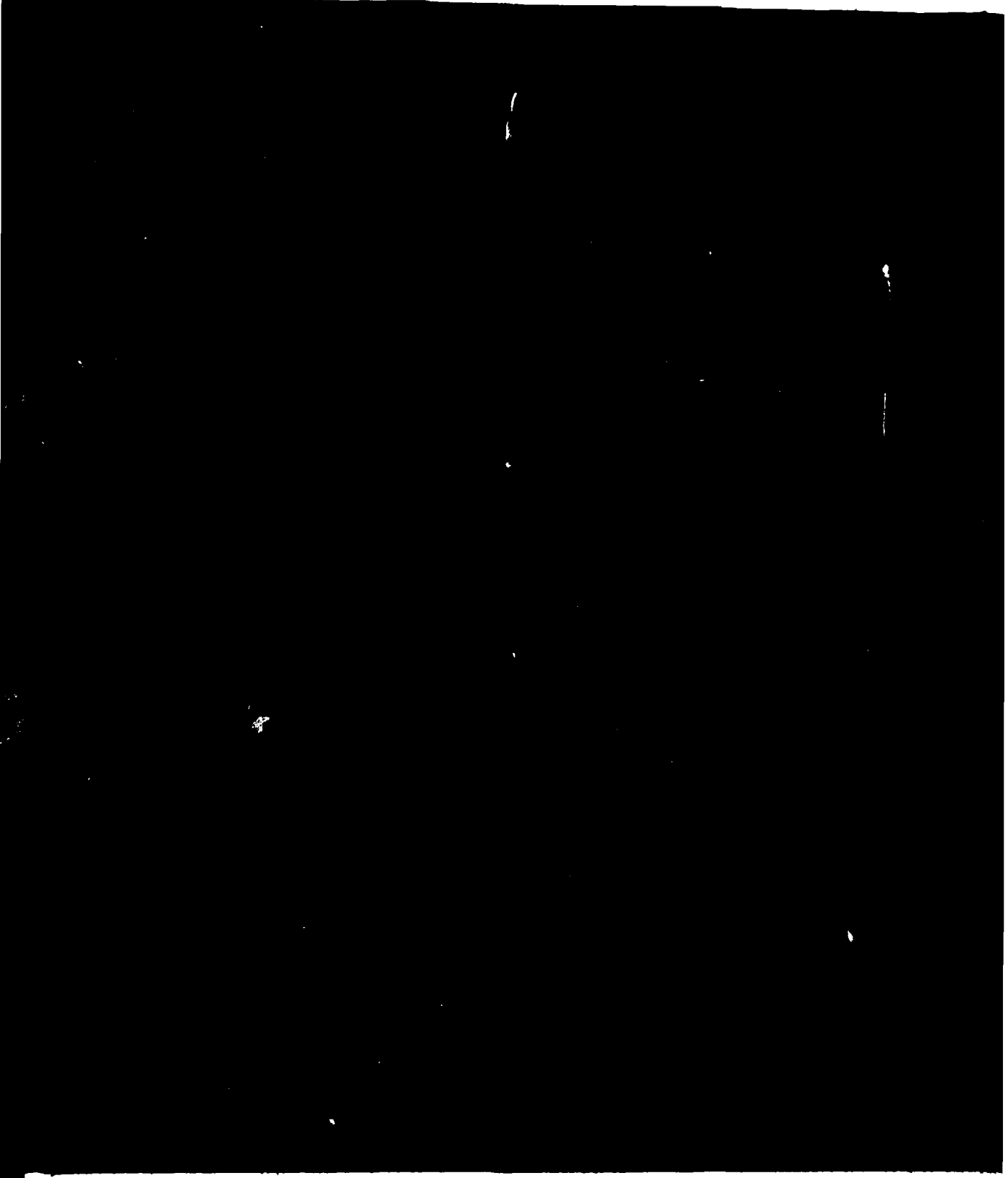
CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/DS-85/023 F/G 4/2

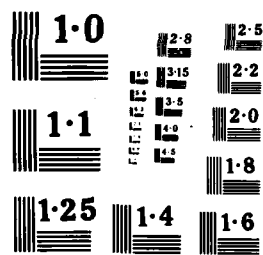
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UNCLASSIFIED

F/G 4/2

NL





UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.

MONTH

[illegible]

JOURNAL CLIMATE 1998
 1998
 ALL-WEATHER SERVICE/1998

PSYCHROMETRIC SUMMARY

120	CAPE COMPTON, CT. APL. AM
STATION	STATION NAME

74-24

YEARS

Jan
MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
7-71																																
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[illegible]

PSYCHROMETRIC SUMMARY

7 - 24

YEARS

MONTH

11-11
HOURS (L. S. T.)

[illegible]

0.26-5 (OLA)

USAFETAC

3

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFM

PSYCHROMETRIC SUMMARY

100 CAPE ROMANO, OF AFM AM
STATION STATION NAME

7-84

YEARS

MONTH

1981-1984
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point			
1-27																								
1-28																								
1-33																								
1-37																								
1-39																								
1-41																								
1-44																								
TOTAL	11	5	5	1	2	2	3											501	501	601				
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	42500.7		51351		79.4		12.613		651		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	516547		11421		17.4		12.484		651		14.4		4.4										7	
Wet Bulb	25402		10522		10.7		13.142		651		15.4		5.7										7	
Dew Point	25402		7119		12.1		15.734		651		2.4		7.1										7	

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM 0-26-5 (OLA)
JUL 64

RESEARCH SERVICE / AG

MONTH

[illegible]

1. GENERAL INFORMATION
2. DESCRIPTION
3. REMARKS

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
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1-1-17
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. AIR FORCE - WASHINGTON
OFFICE OF THE SECRETARY
ATTENTION: AIR FORCE STAFF

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1	1-54	511	

1.00-2.00
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

STATION

STATION NAME

7 - 24

MONTH

1 -
HOURS 11 5 11

[illegible]

FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS ACT ARE OBSOLETE JUL 64

USAFETAC

1

✓

STATION NAME

YEARS

MONTH

HOURS 11 5 11

USAFETAC
FORM 0-26.5 (O.L.A.)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

STATION	STATION NAME	YEARS	MONTH
			HOURS (L.S.T.)

[illegible]

USAFETAC

7

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
		1964	1

HOURS (L. S.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.265 (OL A)

224

USAFETAC

MILITARY CLIMATOLOGY - AFRICA
JOURNAL
1978-1979

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
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7 - 44

YEARS

MONTH

2000

HOURS (L, S, T.)

[illegible]

3

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

PSYCHROMETRIC SUMMARY

STATION NAME
 STATION NAME

72-24

YEARS

MONTH

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1-27																					11
1-28																					1
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Element (X)	ΣX	ΣX^2	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	527.2	430.6	73.3	13.1	482							
Dry Bulb	213.7	27.2	17.6	15.7	505							
Wet Bulb	133.1	24.9	12.6	15.2	502							
Dew Point	44.3	23.7	4.4	7.3	502							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
101	STATION NAME	7-24	10

301-35

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

WFO

USAFETAC

U.S. NATIONAL CLIMATOLOGY SERVICE
 WASHINGTON, D.C. 20541
 AIR MAIL - REGISTERED MAIL

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
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100	100

7-54

YEARS

MONTH

1370-56.7
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
CORIANT
AIR-WEATHER SERVICE BRANCH

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1.1	CAPE TOWN, OF AFRICA

$$7 = -\frac{1}{4}$$

YEARS

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
REL	4.445		5.2															5.6		5.6	5.6											
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total																			
Rel. Hum.	3261.17	4222.3	73.383.651	586	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																					
Dry Bulb	2155.21	6542	11.335.633	586	26.2	75.4					54																					
Wet Bulb	1074.57	31.2	1.4515.10	586	27.2	79.4					54																					
Dew Point	1561.3	2447	4.217.395	586	39.2	82.4					54																					

JOURNAL OF CLIMATE, 14, 1040-1050
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 ISSN 1520-0442

7-24

YEARS

MONTH

HOURS (L. S. T.)

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS _____ MONTH _____
HOURS (L. S. T.) _____

STATION	STATION NAME
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7. - - 4

YEARS

MONTH

$\frac{m}{L}$
 HOURS (L, S, T)

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D. C. 20540

PSYCHROMETRIC SUMMARY

161 PAGE TOTAL OF 154
STATION STATION NAME

7 : - : 4

YEARS

1
MONTH

11:15
HOURS (L. S. T.)

[illegible]

FORM
JUL 64
0 26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. AIR FORCE
AFSC 36-200

1. NAME OF THE SERVICE UNIT:
2. ADDRESS:
3. CITY:
4. STATE:
5. ZIP CODE:

PSYCHROMETRIC SUMMARY

101	CAPE ROMANULO AFB AR
STATION	STATION NAME

7.1-24

YEARS

MONTH

11-27
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

112	APL 124510 APL AR
STATION	STATION NAME

1-2-4

YEARS

MONTH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
7-25																																				
7-31																																				
7-31	1.0	4.0	4.0	1.0																																

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

GENERAL CLIMATOLOGY - RANCH
POLYAC
SERVIS /ZAL

7-54

YEARS

6 MONTHS

54. 1

All i

ALL
HOURS L. S. T.

[illegible]

✓

 MONTH

HOURS (L. S. T.)

[illegible]0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
			HOURS (L. S., T.)

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-10-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

1
STATION

STATION NAME

15-24

YEARS

MONTH

HOURS 11 5 1

[illegible]

USAFETAC
FORM
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

YEARS

100	APR 1964
STATION	STATION NAME

7. - 64

MONTH

HOURS 11 5 7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
71.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	6.1	6.1	6.1	6.1	

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS K-14 ARE OBSOLETE

USAFETAC

U. S. AIR FORCE - A-10
- 10 -
- 10 -

PSYCHROMETRIC SUMMARY

1 STATION STATION NAME

7. -44

YEARS

MONTH

HOURS 11 5 1

[illegible]

FORM 0-26-5 (CL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 64

USAFETAC

STATION	STATION NAME	YEARS	MONTH
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HOURS 11. 5. T.

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
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HOURS (L. S. T.)

[illegible]0-26.5 (CL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM
JUL 84

USAFETAC

PSYCHROMETRIC SUMMARY

STAY 2M

STATION NAME

70 - 100

YEARS

MONTH

11-11
HOURS (L. S. Y.)

[illegible]

USAFETAC
FORM 0.26 5 (OL A)
RE-USE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. *Aluminum* (Al) is a soft, silvery metal that is highly ductile and malleable. It is the most abundant metal in the Earth's crust and the third most abundant element. Aluminum is used in a wide variety of applications, including packaging, construction, and transportation.

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
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97	98	99	100

HOURS 11.5.7

[illegible]

SECRET

PSYCHROMETRIC SUMMARY

SYAT CM

STATION NAME

YEARS

MONTH

10 HOURS 10. S. T.

[illegible]

1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that
 the within and foregoing is a true and correct copy of the original
 of the same as the same appears from the records of the County Clerk
 of said County.

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
---------	--------------	-------	-------

HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
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RECEIVED

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
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7 - 54

YEARS

MONTH

1. 2-10
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OLA)

WOMEN

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
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HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS SERIES ARE OBSOLETE

D.265 (OLA)

1000

USAFETAC

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]USAFETAC
FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

✓

MONTH

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

<u>STATION</u>	<u>STATION NAME</u>
121	CASEY COMMAND OF AFB 20

7.1-254

YEARS

4 - ..
MONTH

HOURS (L.S.T.)

USAFETAC FORM 0-26-5 (OLA) ALL 6-6 RE-VIDEED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOURNAL OF CLIMATE, VOLUME 18
 NUMBER 12
 DECEMBER 2005

PSYCHROMETRIC SUMMARY

STATION 1 CAPI 124601 44-19
STATION NAME

YEARS

MONTH

HOURS 11, 5, 7, 1

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

1. AL CLIMATOLOGY BOARD
 2. TAG
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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|---------------------|
| 1 | 1000 1000 1000 1000 |

7 - 44

YEARS

MONTH

1

444

MLL
HOURS (L. S. T.)

[illegible]



AL AL CLIMATELOGY BRANCH
AL AL CLIMATELOGY BRANCH
AL AL CLIMATELOGY BRANCH

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------------|
| 112 | CAPE ROMAN OF AFS AR |
| STATION | STATION NAME |

7-24

YEARS

29
MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

72-54

Y. L. HAS

MONTH

HOURS (L. S. T.)

[illegible]

FORM
JUN 64
0.26 5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |

7. - 44

MONTH _____

140-500
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

—

GENERAL CLIMATE FOR SEASON
 PRELIMINARY
 CUMULATIVE DEW POINT

PSYCHROMETRIC SUMMA

STATION CAPT JAMES OF APL AN STATION NAME

7-64

YEARS

MONTH

1944-1945 = 17
HOURS 11.5.

[illegible]

45

PSYCHROMETRIC SUMMA

STATION NAME

YEARS

MONTH

0.26.5 (OLA) RE-USED ME-KUS EDITIONS OF THIS FORM ARE OBLIETTE

JSAFETAC

PSYCHROMETRIC SUMMARY

2. - 2.4

YEARS

MONTH

HOURS 11.5.7.

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REPLACES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

PSYCHROMETRIC SUMMAR

MONTH

HOURS (L, S, T)

[illegible]

USAFETAC FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-06-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 101 | 101 |

7. - 14

YEARS

MONTH

HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

75-1000

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

1

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS (L S Y) _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 1 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | .044 | | | | | | | | | | | | | | | | | |
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0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS

| STATION | STATION NAME |
|---------|--------------|
| | |

7 - 24

MONTH

1.0-16
HOURS (L.S.T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

ALPHABETICALLY BY NAME
DATE
CLASSIFICATION SERVICE/MAF

7. - 24

YEARS

MONTH

3 1 1 7
HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 64

USAFETAC

✓

| | | | |
|---------|-----------------|-------|------------------|
| 1. | NAME OF STATION | 7-34 | DATE |
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS (L. S. T.) |

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

3

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1000 |

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A) IF VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | STATION 1 | 7 | 1 |

ALL
HOURS (L.S.T.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 71 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 72 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 73 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 74 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 75 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 76 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 77 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 78 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 79 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 80 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 81 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 82 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 83 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 84 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 85 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 86 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 87 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 88 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 89 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 90 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 91 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 92 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 93 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 94 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 95 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 96 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 97 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 98 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 99 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 100 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 102 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 104 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 105 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 106 | 1.14 | 0.84 | 0.64 | 0.44 | 0.24 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

FORM
JUL 64

USAFETAC

3

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

STATION 12 STATION NAME 12 YEARS 7-4 MONTH 3
 HOURS 11

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1. | |

7 - 4

YEARS

MONTH

| HOURS | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|-------|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|-------|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

[illegible]

3

ANNUAL CLIMATOLOGICAL DATA
 PSYCHROMETRIC SUMMARY
 STATION NAME

PSYCHROMETRIC SUMMARY

STATION NAME
 STATION NAME

7-54

YEARS

MONTH

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|----------|----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | | ≥ 31 | Dry Bulb | Wet Bulb |
| 7-1 | | | | | | | | | | | | | | | | | | | | |
| 7-2 | | | | | | | | | | | | | | | | | | | | |
| 7-3 | | | | | | | | | | | | | | | | | | | | |
| 7-4 | | | | | | | | | | | | | | | | | | | | |
| 7-5 | | | | | | | | | | | | | | | | | | | | |
| 7-6 | | | | | | | | | | | | | | | | | | | | |
| 7-7 | | | | | | | | | | | | | | | | | | | | |
| 7-8 | | | | | | | | | | | | | | | | | | | | |
| 7-9 | | | | | | | | | | | | | | | | | | | | |
| 7-10 | | | | | | | | | | | | | | | | | | | | |
| 7-11 | | | | | | | | | | | | | | | | | | | | |
| 7-12 | | | | | | | | | | | | | | | | | | | | |
| 7-13 | | | | | | | | | | | | | | | | | | | | |
| 7-14 | | | | | | | | | | | | | | | | | | | | |
| 7-15 | | | | | | | | | | | | | | | | | | | | |
| 7-16 | | | | | | | | | | | | | | | | | | | | |
| 7-17 | | | | | | | | | | | | | | | | | | | | |
| 7-18 | | | | | | | | | | | | | | | | | | | | |
| 7-19 | | | | | | | | | | | | | | | | | | | | |
| 7-20 | | | | | | | | | | | | | | | | | | | | |
| 7-21 | | | | | | | | | | | | | | | | | | | | |
| 7-22 | | | | | | | | | | | | | | | | | | | | |
| 7-23 | | | | | | | | | | | | | | | | | | | | |
| 7-24 | | | | | | | | | | | | | | | | | | | | |
| 7-25 | | | | | | | | | | | | | | | | | | | | |
| 7-26 | | | | | | | | | | | | | | | | | | | | |
| 7-27 | | | | | | | | | | | | | | | | | | | | |
| 7-28 | | | | | | | | | | | | | | | | | | | | |
| 7-29 | | | | | | | | | | | | | | | | | | | | |
| 7-30 | | | | | | | | | | | | | | | | | | | | |
| 7-31 | | | | | | | | | | | | | | | | | | | | |
| 7-32 | | | | | | | | | | | | | | | | | | | | |
| 7-33 | | | | | | | | | | | | | | | | | | | | |
| 7-34 | | | | | | | | | | | | | | | | | | | | |
| 7-35 | | | | | | | | | | | | | | | | | | | | |
| 7-36 | | | | | | | | | | | | | | | | | | | | |
| 7-37 | | | | | | | | | | | | | | | | | | | | |
| 7-38 | | | | | | | | | | | | | | | | | | | | |
| 7-39 | | | | | | | | | | | | | | | | | | | | |
| 7-40 | | | | | | | | | | | | | | | | | | | | |
| 7-41 | | | | | | | | | | | | | | | | | | | | |
| 7-42 | | | | | | | | | | | | | | | | | | | | |
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| 7-48 | | | | | | | | | | | | | | | | | | | | |
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| 7-67 | | | | | | | | | | | | | | | | | | | | |
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| 7-75 | | | | | | | | | | | | | | | | | | | | |
| 7-76 | | | | | | | | | | | | | | | | | | | | |
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| 7-82 | | | | | | | | | | | | | | | | | | | | |
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| 7-84 | | | | | | | | | | | | | | | | | | | | |
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| 7-87 | | | | | | | | | | | | | | | | | | | | |
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| 7-89 | | | | | | | | | | | | | | | | | | | | |
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| 7-95 | | | | | | | | | | | | | | | | | | | | |
| 7-96 | | | | | | | | | | | | | | | | | | | | |
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| 7-98 | | | | | | | | | | | | | | | | | | | | |
| 7-99 | | | | | | | | | | | | | | | | | | | | |
| 7-100 | | | | | | | | | | | | | | | | | | | | |
| 7-101 | | | | | | | | | | | | | | | | | | | | |
| 7-102 | | | | | | | | | | | | | | | | | | | | |
| 7-103 | | | | | | | | | | | | | | | | | | | | |
| 7-104 | | | | | | | | | | | | | | | | | | | | |
| 7-105 | | | | | | | | | | | | | | | | | | | | |
| 7-106 | | | | | | | | | | | | | | | | | | | | |
| 7-107 | | | | | | | | | | | | | | | | | | | | |
| 7-108 | | | | | | | | | | | | | | | | | | | | |
| 7-109 | | | | | | | | | | | | | | | | | | | | |
| 7-110 | | | | | | | | | | | | | | | | | | | | |
| 7-111 | | | | | | | | | | | | | | | | | | | | |
| 7-112 | | | | | | | | | | | | | | | | | | | | |
| 7-113 | | | | | | | | | | | | | | | | | | | | |
| 7-114 | | | | | | | | | | | | | | | | | | | | |
| 7-115 | | | | | | | | | | | | | | | | | | | | |
| 7-116 | | | | | | | | | | | | | | | | | | | | |
| 7-117 | | | | | | | | | | | | | | | | | | | | |
| 7-118 | | | | | | | | | | | | | | | | | | | | |
| 7-119 | | | | | | | | | | | | | | | | | | | | |

GENERAL CLIMATELOGY BRANCH
MOSCOW
AIR CLIMATE SERVICE, 1951

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------------|-------|-------|
| 123 | CAMP TOWN OF AL AL | 7-58 | 11 |

HOURS L. S. T.

[illegible]

| | | | |
|---------------------|----------------------------|--------------|-----------------------|
| <u>STATION</u> | <u>DATE OF OBSERVATION</u> | <u>TIME</u> | <u>JULY</u> |
| <u>STATION NAME</u> | | <u>YEARS</u> | <u>MONTH</u> |
| | | | <u>HOURS (L.S.T.)</u> |

USAFETYAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

70 - 26

YEARS

MONTH

HOURS (L. S. T.)

[illegible]

0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

USAFETAC

✓

7. - 6. 4

YEARS

MONTH

1-1-77
HOURS (L.S.T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

MONTH

12-14
HOURS (L. S. T.)

[illegible]

3

UNITED STATES AIR FORCE
 OFFICE OF THE SECRETARY
 WASHINGTON, D. C.

PSYCHROMETRIC SUMMARY

1. STATION NAME: LAKE LOUANA, LA. STATION NUMBER: 75-164 YEARS: MONTH: HOURS (L. S. T.):

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | |
|--------------|-------------------------------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|----|----|----|----|----|----|----|----|-------|----|-------|----|----|----|----|----|----|----|----|----|-----------|----------|----------|---------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pt. |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 44 | 22 | 22 | 1.47 | 20 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 1513 | 764 | 47 | 1.75 | 153 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 111 | 22 | 42 | 1.75 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1014 | 22 | 39 | 1.75 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (O.L.A.) JUL 64 RE-100 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

| STATION | STATION NAME |
|---------|--------------|
| | |

7-2-5

MONTH

HOURS 11 - 5 - 7

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE IN A4

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | 7 | |

[illegible]

1. 1000 0000 0000 0000
STATION STATION NAME

YEARS

MONTH

HOURS 11-5

[illegible]

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|--------|-------|
| 1 | 2 | 7 - 14 | 5 - 6 |

[illegible]

PSYCHROMETRIC SUMMARY

STATION NAME 4444 YEARS 7-4 MONTH 11

ALL
HOURS (L. S.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew | | | | | | | | | | | | | | |
| 70 | | | | | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 71 | | | | | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 72 | | | | | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 73 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 74 | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 75 | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 76 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 77 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 78 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 79 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 80 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 81 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 82 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 83 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 84 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 85 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 86 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 87 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 88 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 89 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 90 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 91 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 92 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 93 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 94 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 95 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 96 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 97 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 98 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 99 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |
| 100 | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 11 | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

' 7-44

YEARS

MONTH

[illegible]

YEARS

| STATION | STATION NAME |
|---------|--------------|
| | |

17-54

MONTH

10 15 - 15
HOURS (L. S. T.)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

—

JOURNAL OF CLIMATE, Vol. 15
 CLIMATE
 EDITOR: J. S. GILBERT/MA

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

47-54

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 100 | 100 | 100 | 100 |

JSAFETAC

[illegible]



PSYCHROMETRIC SUMMARY

| | | | | | | |
|---|---------|--------------|-------|-------|----|-------|
| 1 | STATION | STATION NAME | 17-24 | YEARS | 41 | MONTH |
|---|---------|--------------|-------|-------|----|-------|

15-17
HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 64

USAFETAC

| STATION | STATION NAME | YEARS | MONTHS |
|---------|--------------|-------|--------|
| 1 | 197-34 | | |

HOURS 11 5 7

[illegible]

U.S. AIR FORCE
OFFICE OF THE SECRETARY
WASHINGTON, D.C.

: 7-34

YEARS

MONTH

HOURS (L, S, T)

[illegible]

AL QUAERTELION 1941
1941
1941

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1000 |
| 2 | 1000 |
| 3 | 1000 |
| 4 | 1000 |
| 5 | 1000 |
| 6 | 1000 |
| 7 | 1000 |
| 8 | 1000 |
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| 91 | 1000 |
| 92 | 1000 |
| 93 | 1000 |
| 94 | 1000 |
| 95 | 1000 |
| 96 | 1000 |
| 97 | 1000 |
| 98 | 1000 |
| 99 | 1000 |
| 100 | 1000 |

7-154

YEARS

MONTH

L يا فيه
 HOURS (L. S. T.)

[illegible]

✓

| HOURS | 1 | 5 | T |
|-------|---|---|---|
|-------|---|---|---|

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | |

[illegible]

CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 85
USAFETAC/OS-85/023 F/G 4/2

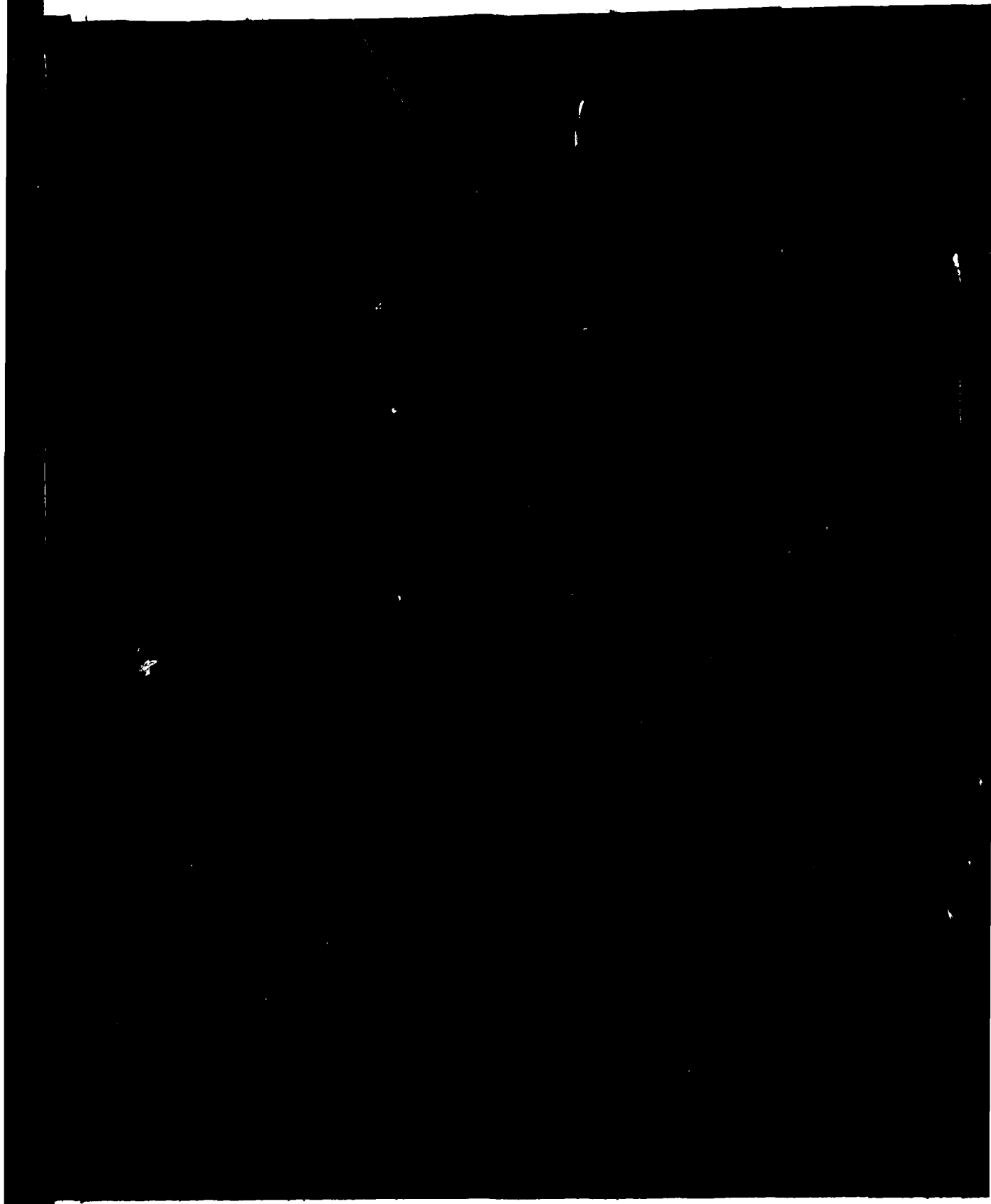
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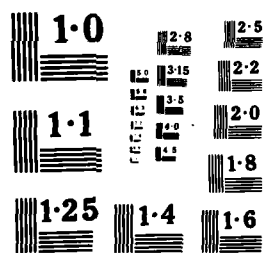
F/G 4/2

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END
DATE
TIME
11 85
DTI

END
DATE
FEB 1985
DTI





PSYCHROMETRIC SUMMARY

77-54

YFANS

5.52
MONTH

Page 1 0621-6
HOURS (L. S. T.)

[illegible]

3
1

GENERAL CLIMATOLOGY - MONTH
USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

7-120 STATION
CAPT ROMAN OF ALC AK STATION NAME

77-84 YEARS

SEP
MONTH

1900-1900
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 77 | | | | .4 | .1 | | | | | | | | | | | | | | | | |
| 76 | | | | .1 | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | .1 | | | | | | | | | | | | | | | | | |
| 73 | | | | .7 | | | | | | | | | | | | | | | | | |
| 72 | | | | 1.2 | | | | | | | | | | | | | | | | | |
| 71 | | | | .4 | | | | | | | | | | | | | | | | | |
| 70 | | | | 1.1 | | | | | | | | | | | | | | | | | |
| 69 | | | | .6 | | | | | | | | | | | | | | | | | |
| 68 | | | | .4 | | | | | | | | | | | | | | | | | |
| 67 | | | | 1.1 | | | | | | | | | | | | | | | | | |
| 66 | | | | .7 | | | | | | | | | | | | | | | | | |
| 65 | | | | .1 | | | | | | | | | | | | | | | | | |
| 64 | | | | .1 | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | |
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| 23 | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOURNAL CLIMATOLOGY - ARCH
 JOURNAL CLIMATOLOGY - ARCH
 JOURNAL CLIMATOLOGY - ARCH

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|---------------------|
| 167 | CAMP DONAGUE AF, AK |

77-24

YEARS

MONTH

1

12-14
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)

USAFETAC

METEOROLOGICAL SERVICE/AMC
 METEOROLOGICAL SERVICE/AMC
 METEOROLOGICAL SERVICE/AMC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|----------------------|
| 161 | CAMP TOMAR OF AF, AK |

77-54

YEARS

MONTH

1300 - 1300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
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| 66 | 66 |
| 67 | 67 |
| 68 | 68 |
| 69 | 69 |
| 70 | 70 |
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| 74 | 74 |
| 75 | 75 |
| 76 | 76 |
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| 81 | 81 |
| 82 | 82 |
| 83 | 83 |
| 84 | 84 |
| 85 | 85 |
| 86 | 86 |
| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
| 91 | 91 |
| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

17-34

YEARS

MONTH

100-27
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | |
| 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| 76 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | |
| 77 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 14 | 14 | 2 | | | | | | | | | | | |
| 78 | | 2.5 | 1.7 | .7 | | | | | | | | | | | | | | 25 | 37 | 9 | | | | | | | | | | | |
| 79 | .3 | 3.8 | 2.9 | .9 | .1 | | | | | | | | | | | | | 30 | 47 | 7 | 1 | | | | | | | | | | |
| 80 | 1.0 | 4.8 | 3.8 | .4 | .7 | | | | | | | | | | | | | 107 | 123 | 19 | | | | | | | | | | | |
| 81 | 2.5 | 11.7 | 8.8 | .1 | | | | | | | | | | | | | | 181 | 141 | 113 | 74 | | | | | | | | | | |
| 82 | 1.8 | 9.7 | 7.7 | | | | | | | | | | | | | | | 177 | 137 | 138 | 67 | | | | | | | | | | |
| 83 | .6 | 7.5 | 7.0 | .1 | | | | | | | | | | | | | | 174 | 77 | 90 | 107 | | | | | | | | | | |
| 84 | 1.1 | 4.4 | 7.0 | | | | | | | | | | | | | | | 67 | 67 | 45 | 7 | | | | | | | | | | |
| 85 | 1.5 | 4.0 | 7.2 | .3 | | | | | | | | | | | | | | 7 | 61 | 41 | 10 | | | | | | | | | | |
| 86 | .1 | 3.4 | 7.3 | | | | | | | | | | | | | | | 24 | 57 | 33 | 11 | | | | | | | | | | |
| 87 | | 1.4 | 1.0 | | | | | | | | | | | | | | | 17 | 47 | 22 | 37 | | | | | | | | | | |
| 88 | .5 | 1.0 | | | | | | | | | | | | | | | | 6 | 40 | 20 | 10 | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | 7 | 13 | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Tot | 1.456 | 5.527 | 7.07 | .7 | .3 | | | | | | | | | | | | | 777 | | 770 | 77 | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 1141817 | 5772 | 84.4 | 9.255 | 720 | | | | | | | |
| Dry Bulb | 1389707 | 31436 | 47.7 | 4.867 | 720 | | | | | | | |
| Wet Bulb | 1265217 | 27979 | 41.6 | 4.869 | 720 | | 4.4 | | | | | |
| Dew Point | 1128714 | 26206 | 39.2 | 5.745 | 720 | | 15.3 | | | | | |

GLOBAL CLIMATOLOGY: WARCH
 DISTRICT
 AIR SEATING SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------------|
| 1.3 | USPC TOWNSHIP OF AFB, AL |
| STATION | STATION NAME |

77-64

YEARS

MONTH

241
HOURS (L. S. T.)

[illegible]

JOURNAL OF CLIMATE
 VOLUME 15
 NUMBER 12
 DECEMBER 2002

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | 100 | 71-74 | 1 |

HOURS (L, S, T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26-5 (OLA)

USAFETAC

STAT 2N

STATION NAME

YEARS

MONTH

HOURS 1 5 7

[illegible]

PSYCHROMETRIC SUMMARY

STAT 324

STATION NAME

YEARS

1 MONTH

HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 04-11-2010 BY 60322
REASON: 60322

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

7-5-64

YEARS

MONTH

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|---------------------|
| 127 | CAMP 4044 OF APL AN |

7-24

YEARS

MONTH

100-17
HOURS (C. S. T.)

[illegible]

0.265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

GENERAL CLIMATELOGY - WMO
CLIMATE
CLIMATE SERVICE - WMO

PSYCHROMETRIC SUMMARY

| STATION | NAME |
|---------|-----------------|
| 1 | QUAN. OF AFD AK |
| | STATION NAME |

77-64

YEARS

MONTH

~~1-1-14~~
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

4-1-24

YEARS

4000

MOLES 1 5 7

[illegible]

PSYCHROMETRIC SUMMARY

| | | | |
|---------|-----|--------------|----------------|
| 7 | 121 | 405 | W. H. O. A. A. |
| STATION | | STATION NAME | |

77-84

YEARS

MONTH

MOORE, J. S.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | |
|------------------------------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----|--|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew | | | | |
| 1/35 | | .1 | .7 | .1 | | | | | | | | | | | | | | 7 | 7 | 1 | | | | |
| 1/34 | | .1 | 2.4 | .4 | | | | | | | | | | | | | | 2.5 | 2.5 | 1 | | | | |
| 1/33 | | 1.1 | 5.0 | .1 | | | | | | | | | | | | | | 6.1 | 6.1 | 7 | | | | |
| 2/33 | | 1.1 | 5.2 | .4 | | | | | | | | | | | | | | 6.7 | 6.7 | 1 | | | | |
| 1/31 | | 3.1 | 7.3 | 1.7 | | | | | | | | | | | | | | 11.1 | 11.1 | 1 | | | | |
| 1/30 | | 2.2 | 3.2 | 2.7 | | | | | | | | | | | | | | 8.1 | 8.1 | 2 | | | | |
| 1/29 | | .1 | 5.0 | .7 | | | | | | | | | | | | | | 5.7 | 5.7 | 3 | | | | |
| 1/28 | | .1 | 2.5 | .4 | | | | | | | | | | | | | | 2.6 | 2.6 | 3 | | | | |
| 1/27 | | .1 | 5.9 | .4 | .1 | | | | | | | | | | | | | 6.5 | 6.5 | 4 | | | | |
| 1/26 | | 1.1 | 5.1 | | | | | | | | | | | | | | | 6.2 | 6.2 | 5 | | | | |
| 1/25 | | 2.2 | 6.7 | .7 | | | | | | | | | | | | | | 9.6 | 9.6 | 1 | | | | |
| 1/24 | | .1 | 5.4 | | | | | | | | | | | | | | | 5.5 | 5.5 | 2 | | | | |
| 1/23 | | .1 | 2.4 | | | | | | | | | | | | | | | 2.5 | 2.5 | 4 | | | | |
| 1/22 | | .1 | 1.7 | | | | | | | | | | | | | | | 1.8 | 1.8 | 15 | | | | |
| 1/21 | | .1 | 1.3 | .1 | | | | | | | | | | | | | | 1.4 | 1.4 | 16 | | | | |
| 1/20 | | 1.7 | | | | | | | | | | | | | | | | 1.7 | 1.7 | 1 | | | | |
| 1/19 | | .1 | | | | | | | | | | | | | | | | .1 | .1 | 2 | | | | |
| 1/18 | | 1.2 | | | | | | | | | | | | | | | | 1.2 | 1.2 | 3 | | | | |
| 1/17 | | .1 | | | | | | | | | | | | | | | | .1 | .1 | 4 | | | | |
| 1/16 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/15 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/14 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/13 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/12 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/11 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/10 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/9 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/8 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/7 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/6 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/5 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/4 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/3 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/2 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| 1/1 | | 1.4 | .1 | .4 | .1 | | | | | | | | | | | | | 1.9 | 1.9 | 7 | | | | |
| Σ X ² | 4725.2 | | | | | | | | | | | | | | | | | | | | | | | |
| Σ X | 577.2 | | | | | | | | | | | | | | | | | | | | | | | |
| X̄ | 83.6 | | | | | | | | | | | | | | | | | | | | | | | |
| σ _x | 2.44 | | | | | | | | | | | | | | | | | | | | | | | |
| No. Obs. | 717 | | | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| ≤ 0 F | | | | | | | | | | | | | | | | | | | | | | | | |
| ≤ 32 F | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥ 67 F | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥ 73 F | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥ 80 F | | | | | | | | | | | | | | | | | | | | | | | | |
| ≥ 93 F | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

ALL-ALL CLIMATOLOGY BRANCH
METEOR
AIR-FAIRER SERVICE BRANCH

PSYCHROMETRIC SUMMA

| | | |
|---|---------|----------------------|
| 1 | 120 | CAPE ROMAN OF AFS AK |
| | STATION | STATION NAME |

'7-94

YEARS

627

MONTH

ALL
HOURS 11.5

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

LOCAL COMBATANT SEARCH
 CHETAC
 AIR-SEA-RES SERVICE MAN

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| 12 | APP 20-AL-01 A" A" |
| STATION | STATION NAME |

77-24

YEARS

MONTH

71-5-7
MOUSE 11-5-7

[illegible]

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

| STATION | STATION NAME |
|---------|-----------------------|
| 1. | 2000 1000 01 01 01 01 |

77-54

YEARS

MONTH

HOURS 11.5.1

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPECIAL CLINICAL STUDY - 1970
 1970
 1970

PSYCHROMETRIC SUMMARY

17-54

YEARS

MONTH

MOVIES 11

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 64

USAFETAC

3

U.S. AIR FORCE
 AIRCRAFT
 WEATHER SERVICE

PSYCHROMETRIC SUMM

STATION NAME OF AIRCRAFT STATION NAME 17-05 YEARS MO

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Rel. Hum. | 40.1 | 11.2 | 77.0 | 17.1 | 5.1 | | | | | | |
| Dry Bulb | 2.0 | 11.2 | 17.0 | 17.1 | 5.1 | | | | | | |
| Wet Bulb | 2.0 | 11.2 | 17.0 | 17.1 | 5.1 | | | | | | |
| Dew Point | 2.0 | 11.2 | 17.0 | 17.1 | 5.1 | | | | | | |

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL COMPTROLLER GENERAL
 OFFICE
 WASHINGTON, D. C. 20548

PSYCHROMETRIC SUMM

| STATION | STATION NAME |
|---------|--------------|
| 111 | 1000 |

7-2

YEARS

MON

HOURS (L

[illegible]

REVISED PREVIOUS EDITIONS OF THIS WORK ARE CANCELLED

0-26-5 (OL A)

USAFETAC

NATIONAL CRYPTOLOGY MAGAZINE
 ADDRESS
 AIR FORCE SERVICE MAG

PSYCHROMETRIC SUMMARY

| STATION | DATE | STATION NAME |
|---------|------|--------------|
|---------|------|--------------|

7-03

YEARS

MONTH

HOURS IL.

[illegible]

SPECIAL CLIMATOLOGY SECTION
 1. AFELAC
 2. AFELAC
 3. AFELAC

PSYCHROMETRIC SUMMA

| STATION | DATE | NAME OF AFD. AN | STATION NAME |
|---------|------|-----------------|--------------|
| 124 | | | |

77-23

YEARS

MONTH

HOURS (L. S.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D.26.5 (OL A)

WOMAN

USAFETAC

3

ANNUAL CLIMATOLOGY REPORT
 OFFICE
 AIR FORCE SERVICE CENTER

PSYCHROMETRIC SUMMARY

STATION 17-23 STATION NAME 17-23 YEARS 17-23 MONTH 17-23

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|---------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Pt. | | | | | | | | | | | | | | | | |
| 17.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17.1 | 17.1 | 17.1 | 17.1 | | | | | | | | | | | | | | | | |
| 18.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 18.1 | 18.1 | 18.1 | 18.1 | | | | | | | | | | | | | | | | |
| 19.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 19.1 | 19.1 | 19.1 | 19.1 | | | | | | | | | | | | | | | | |
| 20.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20.1 | 20.1 | 20.1 | 20.1 | | | | | | | | | | | | | | | | |
| 21.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 21.1 | 21.1 | 21.1 | 21.1 | | | | | | | | | | | | | | | | |
| 22.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22.1 | 22.1 | 22.1 | 22.1 | | | | | | | | | | | | | | | | |
| 23.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 23.1 | 23.1 | 23.1 | 23.1 | | | | | | | | | | | | | | | | |
| 24.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 24.1 | 24.1 | 24.1 | 24.1 | | | | | | | | | | | | | | | | |
| 25.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 25.1 | 25.1 | 25.1 | 25.1 | | | | | | | | | | | | | | | | |
| 26.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 26.1 | 26.1 | 26.1 | 26.1 | | | | | | | | | | | | | | | | |
| 27.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 27.1 | 27.1 | 27.1 | 27.1 | | | | | | | | | | | | | | | | |
| 28.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 28.1 | 28.1 | 28.1 | 28.1 | | | | | | | | | | | | | | | | |
| 29.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 29.1 | 29.1 | 29.1 | 29.1 | | | | | | | | | | | | | | | | |
| 30.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 30.1 | 30.1 | 30.1 | 30.1 | | | | | | | | | | | | | | | | |
| 31.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 31.1 | 31.1 | 31.1 | 31.1 | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Dry Bulb | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Wet Bulb | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Dew Point | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

YEARS

| STATION | STATION NAME |
|---------|---------------|
| 1 | LAKE DUMFRIES |

' 7-4 '

MONTH

1.2 - 1.4
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
MM AA
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. WORLD CLIMATELOGY - WASH
 2. CLIMATE
 3. CLIMATE - CLIMATE - CLIMATE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-----------------------|
| 12 | 1351 0.00 OF A. 2. 24 |

7-23

YEARS

MONTH

2 1 7 2 4
HOURS (L, S, T.)

YEARS

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

71-27

MONTE

MOLES : 5

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

[illegible][illegible]

STAT-2N

STATION NAME

YEARS

MONTH

HOURS (L, S, T)

[illegible]

0-265 (OLA) RE-STATE POLICE'S EVIDENCE OF THIS MATTER ARE A. 119

USAFETAC

RELATIVE HUMIDITY

PERIOD

JUN
MONTH

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| JULY | 0-02 | 100.0 | 100.0 | 100.0 | 99.5 | 96.7 | 95.4 | 89.0 | 63.7 | 34.9 | 23.7 | 630 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 97.9 | 95.4 | 88.7 | 63.7 | 36.3 | 24.4 | 630 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 97.5 | 94.0 | 87.8 | 67.5 | 36.7 | 24.3 | 630 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 97.3 | 93.3 | 82.1 | 62.1 | 31.1 | 22.7 | 630 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.0 | 96.7 | 91.6 | 81.9 | 59.4 | 31.7 | 21.7 | 630 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.0 | 96.2 | 91.9 | 79.4 | 56.0 | 29.4 | 21.2 | 630 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.6 | 97.3 | 93.0 | 81.7 | 56.5 | 30.0 | 21.6 | 630 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 98.3 | 93.5 | 86.2 | 63.3 | 34.1 | 23.2 | 630 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.5 | 97.2 | 93.5 | 84.6 | 61.5 | 33.0 | 22.9 | 6040 |

FORM
7-54

0-87.5 (OL A)

3
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7-120 CAPE ROMAN OF AFS AK
STATION STATION NAME

73-84

PERIOD

7-AY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JULY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.4 | 81.7 | 60.4 | 23.2 | 81.4 | 651 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 79.7 | 56.8 | 23.5 | 81.2 | 651 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 94.5 | 79.2 | 56.3 | 29.1 | 81.3 | 651 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 98.3 | 91.8 | 75.1 | 53.7 | 23.9 | 79.6 | 650 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.5 | 97.2 | 91.6 | 75.1 | 50.2 | 19.7 | 78.7 | 651 |
| | 15-17 | 100.0 | 100.0 | 99.8 | 99.7 | 97.8 | 90.6 | 75.3 | 48.8 | 13.3 | 78.6 | 651 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.7 | 97.7 | 91.6 | 77.7 | 51.3 | 19.2 | 79.2 | 651 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 94.0 | 79.3 | 54.7 | 21.2 | 80.3 | 651 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.5 | 98.5 | 93.1 | 77.8 | 54.0 | 22.3 | 80.1 | 5276 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

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APR
MONTH

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3
 FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

127 STATION CAPE ROMANOF AFS AK 78-84 PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 01-02 | | 100.0 | 99.8 | 99.4 | 99.2 | 97.2 | 91.6 | 71.4 | 39.2 | 15.4 | 76.6 | 651 |
| 03-05 | | 100.0 | 99.8 | 99.4 | 98.9 | 96.5 | 86.6 | 66.1 | 35.8 | 13.7 | 75.4 | 651 |
| 06-08 | | 100.0 | 100.0 | 98.9 | 97.8 | 95.1 | 86.8 | 69.7 | 37.0 | 12.7 | 75.2 | 651 |
| 09-11 | | 100.0 | 100.0 | 98.8 | 96.8 | 95.1 | 88.2 | 68.0 | 37.9 | 12.3 | 75.1 | 651 |
| 12-14 | | 100.0 | 100.0 | 99.4 | 98.3 | 94.3 | 86.5 | 66.7 | 36.9 | 11.1 | 74.8 | 651 |
| 15-17 | | 100.0 | 100.0 | 99.7 | 98.8 | 95.9 | 88.0 | 68.5 | 37.9 | 14.6 | 75.5 | 651 |
| 18-20 | | 100.0 | 100.0 | 99.8 | 98.9 | 96.5 | 91.4 | 71.6 | 41.8 | 17.2 | 77.1 | 651 |
| 21-23 | | 100.0 | 99.7 | 99.4 | 98.6 | 96.0 | 91.2 | 71.7 | 41.2 | 15.8 | 76.6 | 651 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 99.4 | 98.4 | 95.8 | 89.0 | 69.2 | 38.5 | 14.1 | 75.8 | 5208 |

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

RELATIVE HUMIDITY

7 120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

78-84

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 99.1 | 92.8 | 83.4 | 61.1 | 31.4 | 12.8 | 73.3 | 586 |
| | 03-05 | 100.0 | 100.0 | 99.6 | 99.1 | 94.5 | 82.7 | 60.4 | 31.9 | 12.3 | 73.4 | 583 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 94.5 | 86.3 | 60.3 | 33.3 | 12.4 | 73.9 | 582 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.3 | 94.5 | 86.9 | 62.5 | 36.5 | 13.3 | 74.6 | 587 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.0 | 94.0 | 85.7 | 59.4 | 34.0 | 11.1 | 73.9 | 588 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 98.3 | 94.7 | 83.0 | 59.4 | 32.3 | 11.6 | 73.3 | 588 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 98.6 | 93.4 | 84.2 | 59.2 | 33.5 | 11.1 | 73.5 | 588 |
| | 21-23 | 100.0 | 99.8 | 99.5 | 96.1 | 90.7 | 82.3 | 58.9 | 32.1 | 12.6 | 72.5 | 589 |
| TOTALS | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 107.0 | 100.0 | 99.9 | 98.6 | 93.6 | 84.3 | 60.2 | 33.1 | 12.2 | 73.6 | 4691 |

USAFETAC

FORM
101 64

0-87-5 (OL A)

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JAN
MONTH

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●

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

127 CAPE ROMANOV AFB AK
STATION STATION NAME

77-84

YEARS

| HRS 1ST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0-07 | MEAN | 11.1 | 4.3 | 13.7 | 17.9 | 30.5 | 38.6 | 44.3 | 45.3 | 34.1 | 27.2 | 17.4 | 11.2 | 25.0 |
| | S D | 15.65 | 17.39 | 13.17 | 11.76 | 7.393 | 5.121 | 4.551 | 5.734 | 5.922 | 7.713 | 9.751 | 14.711 | 17.39 |
| | TOTAL OBS | 647 | 585 | 651 | 630 | 651 | 630 | 651 | 744 | 720 | 744 | 717 | 651 | 607 |
| 0-5 | MEAN | 11.7 | 4.1 | 13.3 | 17.2 | 29.9 | 38.3 | 43.9 | 45.0 | 33.5 | 26.9 | 19.3 | 11.1 | 25.0 |
| | S D | 15.60 | 17.50 | 13.37 | 12.77 | 7.196 | 4.994 | 4.571 | 5.584 | 5.892 | 7.710 | 9.674 | 14.848 | 17.10 |
| | TOTAL OBS | 643 | 583 | 651 | 630 | 651 | 630 | 651 | 743 | 720 | 744 | 717 | 651 | 601 |
| 0-15 | MEAN | 11.2 | 4.2 | 13.3 | 17.3 | 30.5 | 38.7 | 44.3 | 45.1 | 36.7 | 26.9 | 19.1 | 11.0 | 25.0 |
| | S D | 15.27 | 17.35 | 13.44 | 12.55 | 7.256 | 4.885 | 3.857 | 5.379 | 5.957 | 7.697 | 9.509 | 15.087 | 17.21 |
| | TOTAL OBS | 651 | 582 | 651 | 630 | 650 | 630 | 651 | 744 | 720 | 744 | 717 | 651 | 607 |
| -11 | MEAN | 11.1 | 4.3 | 13.1 | 18.0 | 31.1 | 39.8 | 45.2 | 45.8 | 39.3 | 27.2 | 19.5 | 11.1 | 25.0 |
| | S D | 15.67 | 17.58 | 14.24 | 11.60 | 7.421 | 5.039 | 3.713 | 5.401 | 5.745 | 7.660 | 9.435 | 15.025 | 17.47 |
| | TOTAL OBS | 651 | 587 | 651 | 630 | 650 | 630 | 651 | 744 | 720 | 744 | 717 | 651 | 607 |
| 1-14 | MEAN | 12.1 | 4.5 | 14.1 | 19.2 | 32.4 | 40.9 | 46.0 | 46.6 | 40.1 | 27.8 | 19.8 | 11.3 | 26.7 |
| | S D | 15.73 | 17.42 | 13.66 | 11.91 | 7.349 | 5.364 | 3.824 | 5.436 | 5.586 | 7.845 | 9.296 | 15.000 | 17.49 |
| | TOTAL OBS | 651 | 583 | 651 | 630 | 651 | 630 | 651 | 744 | 720 | 744 | 717 | 651 | 607 |
| 1-17 | MEAN | 12.2 | 5.5 | 14.9 | 20.0 | 32.9 | 41.4 | 46.4 | 47.0 | 40.5 | 28.2 | 20.3 | 11.3 | 27.0 |
| | S D | 15.94 | 18.96 | 13.14 | 12.23 | 7.479 | 5.489 | 3.942 | 5.463 | 5.610 | 7.740 | 9.361 | 15.012 | 17.41 |
| | TOTAL OBS | 651 | 586 | 651 | 630 | 651 | 630 | 651 | 744 | 720 | 744 | 716 | 651 | 607 |
| 1-2 | MEAN | 12.0 | 4.5 | 14.7 | 19.6 | 32.5 | 40.9 | 45.8 | 46.8 | 40.1 | 27.6 | 19.9 | 11.3 | 26.0 |
| | S D | 15.74 | 18.75 | 12.81 | 12.34 | 7.175 | 5.351 | 3.861 | 5.586 | 5.540 | 8.350 | 9.061 | 14.792 | 17.39 |
| | TOTAL OBS | 651 | 583 | 651 | 639 | 651 | 630 | 651 | 744 | 720 | 741 | 714 | 651 | 607 |
| 1-23 | MEAN | 11.1 | 4.1 | 13.9 | 18.8 | 31.5 | 39.9 | 45.1 | 46.0 | 39.0 | 27.0 | 19.7 | 10.7 | 26.0 |
| | S D | 15.84 | 17.19 | 13.39 | 11.86 | 7.341 | 5.272 | 3.879 | 5.579 | 5.745 | 7.445 | 9.721 | 14.725 | 17.36 |
| | TOTAL OBS | 651 | 589 | 651 | 630 | 651 | 630 | 651 | 744 | 720 | 743 | 714 | 651 | 607 |
| ALL HOURS | MEAN | 11.1 | 4.5 | 13.5 | 19.5 | 31.3 | 39.8 | 45.1 | 46.0 | 39.3 | 27.3 | 19.6 | 11.1 | 26.0 |
| | S D | 15.67 | 17.59 | 13.46 | 11.35 | 7.335 | 5.308 | 3.909 | 5.567 | 5.783 | 7.803 | 9.573 | 14.587 | 17.32 |
| | TOTAL OBS | 7200 | 4691 | 5208 | 5009 | 5206 | 5040 | 5206 | 5951 | 5760 | 5948 | 5729 | 5206 | 6419 |

USAF ETAC FORM 0-89-5 (OLA)
OCT 75

MEANS AND STANDARD DEVIATION

STATION TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION NAME
CAPE ROMEN OF ARIZONA

77-84

YEARS

| HRS | 1ST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-----------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0-07 | MEAN | 13.1 | 13.4 | 13.3 | 13.1 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| | S D | 13.1 | 115.103 | 10.945 | 10.332 | 10.971 | 10.366 | 10.985 | 10.168 | 10.315 | 10.412 | 10.171 | 10.111 | 15.12 |
| | TOTAL OBS | 642 | 586 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 744 | 717 | 651 | 902 |
| 1-10 | MEAN | 13.5 | 13.3 | 13.7 | 13.9 | 13.5 | 13.8 | 13.6 | 13.7 | 13.1 | 13.1 | 13.2 | 13.1 | 13.2 |
| | S D | 13.202 | 115.253 | 10.999 | 10.263 | 10.194 | 10.992 | 10.988 | 10.165 | 10.926 | 10.401 | 10.230 | 10.331 | 15.03 |
| | TOTAL OBS | 646 | 583 | 651 | 630 | 651 | 630 | 651 | 743 | 722 | 744 | 717 | 651 | 901 |
| 11-14 | MEAN | 13.4 | 13.1 | 13.6 | 13.4 | 13.4 | 13.2 | 13.5 | 13.8 | 13.0 | 13.0 | 13.0 | 13.1 | 13.2 |
| | S D | 13.132 | 115.239 | 10.192 | 10.359 | 10.064 | 10.992 | 10.922 | 10.383 | 10.916 | 10.363 | 10.066 | 10.411 | 15.19 |
| | TOTAL OBS | 651 | 582 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 744 | 717 | 651 | 902 |
| 15-17 | MEAN | 13.4 | 13.1 | 13.6 | 13.1 | 13.4 | 13.2 | 13.0 | 13.7 | 13.1 | 13.0 | 13.0 | 13.1 | 13.2 |
| | S D | 13.241 | 115.414 | 10.374 | 10.392 | 10.248 | 10.318 | 10.897 | 10.916 | 10.855 | 10.495 | 10.772 | 10.321 | 15.53 |
| | TOTAL OBS | 651 | 587 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 744 | 717 | 651 | 902 |
| 18-21 | MEAN | 13.7 | 13.9 | 13.6 | 13.5 | 13.6 | 13.8 | 13.1 | 13.8 | 13.7 | 13.0 | 13.6 | 13.4 | 13.2 |
| | S D | 13.142 | 115.471 | 10.895 | 10.336 | 10.267 | 10.522 | 10.793 | 10.137 | 10.791 | 10.596 | 10.921 | 10.473 | 15.69 |
| | TOTAL OBS | 651 | 588 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 744 | 717 | 651 | 902 |
| 22-24 | MEAN | 13.6 | 13.0 | 13.2 | 13.3 | 13.6 | 13.4 | 13.0 | 13.9 | 13.3 | 13.4 | 13.0 | 13.4 | 13.1 |
| | S D | 13.271 | 114.911 | 10.735 | 10.923 | 10.330 | 10.629 | 10.319 | 10.810 | 10.711 | 10.815 | 10.993 | 10.359 | 15.68 |
| | TOTAL OBS | 651 | 588 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 744 | 716 | 651 | 902 |
| 25-27 | MEAN | 13.6 | 13.9 | 13.6 | 13.5 | 13.6 | 13.4 | 13.0 | 13.9 | 13.7 | 13.0 | 13.6 | 13.4 | 13.1 |
| | S D | 13.323 | 114.768 | 10.652 | 10.928 | 10.343 | 10.505 | 10.127 | 10.195 | 10.778 | 10.778 | 10.134 | 10.325 | 15.65 |
| | TOTAL OBS | 651 | 588 | 651 | 629 | 651 | 630 | 651 | 744 | 722 | 741 | 714 | 651 | 902 |
| 28-31 | MEAN | 13.6 | 13.6 | 13.0 | 13.5 | 13.5 | 13.6 | 13.1 | 13.8 | 13.6 | 13.2 | 13.5 | 13.7 | 13.2 |
| | S D | 13.271 | 114.911 | 10.735 | 10.923 | 10.330 | 10.629 | 10.319 | 10.810 | 10.711 | 10.815 | 10.993 | 10.359 | 15.68 |
| | TOTAL OBS | 651 | 588 | 651 | 630 | 651 | 630 | 651 | 744 | 722 | 743 | 714 | 651 | 902 |
| ALL HOURS | MEAN | 13.6 | 13.6 | 13.1 | 13.7 | 13.6 | 13.5 | 13.1 | 13.9 | 13.7 | 13.2 | 13.5 | 13.7 | 13.2 |
| | S D | 13.211 | 115.122 | 10.76 | 10.773 | 10.219 | 10.452 | 10.174 | 10.195 | 10.77 | 10.844 | 10.751 | 10.227 | 15.44 |
| | TOTAL OBS | 622 | 4691 | 5278 | 5278 | 5278 | 5278 | 5278 | 5278 | 5278 | 5278 | 5278 | 5278 | 6413 |

U.S. CLIMATE SERVICE
 STATION
 STATION NAME

MEANS AND STANDARD DEVIATION

DAY-TO-TO TEMPERATURES DEGREE F FROM HOURLY OBSERVATIONS

1. STATION NAME
 STATION

77-84

YEARS

| HRS. (LST) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP | OCT | NOV | DEC | ANNUAL |
|------------|-------------------------|---------------------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| MEAN | 17.5 | 11.3 | 20.1 | 23.3 | 35.6 | 43.5 | 48.0 | 48.9 | 43.4 | 31.0 | 24.0 | 17.0 | 30.0 |
| S.D. | 13.47710.83311.3010.338 | 7.991 | 6.179 | 4.657 | 5.361 | 4.977 | 6.519 | 6.183 | 10.333 | 15.67 | | | |
| TOTAL OBS. | 64 | 589 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 717 | 651 | 800 |
| MEAN | 17.5 | 11.1 | 21.0 | 22.8 | 35.3 | 43.0 | 47.5 | 48.6 | 43.1 | 31.5 | 24.4 | 17.2 | 31.0 |
| S.D. | 13.6 | 115.75311.34511.447 | 8.172 | 6.122 | 4.700 | 5.386 | 4.894 | 6.472 | 6.354 | 12.574 | 15.65 | | |
| TOTAL OBS. | 595 | 556 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 717 | 651 | 800 |
| MEAN | 17.5 | 11.8 | 20.9 | 22.6 | 35.5 | 43.4 | 47.7 | 48.6 | 42.7 | 31.4 | 24.2 | 17.0 | 30.0 |
| S.D. | 13.4 | 715.75111.5511.629 | 8.145 | 6.245 | 4.632 | 5.176 | 4.777 | 6.454 | 6.167 | 12.630 | 15.73 | | |
| TOTAL OBS. | 595 | 555 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 717 | 651 | 800 |
| MEAN | 17.5 | 11.4 | 20.0 | 23.4 | 37.1 | 45.2 | 49.0 | 48.8 | 43.7 | 31.0 | 24.5 | 17.1 | 31.0 |
| S.D. | 13.6 | 115.77411.70511.367 | 8.466 | 6.754 | 5.098 | 5.391 | 4.716 | 6.556 | 6.370 | 12.557 | 16.21 | | |
| TOTAL OBS. | 591 | 576 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 717 | 651 | 800 |
| MEAN | 17.5 | 11.5 | 21.1 | 23.0 | 36.5 | 45.6 | 50.5 | 51.3 | 45.1 | 32.0 | 25.8 | 17.4 | 32.0 |
| S.D. | 13.4 | 415.54 | 11.451 | 9.687 | 8.577 | 7.150 | 5.455 | 5.708 | 5.311 | 6.709 | 6.175 | 12.701 | 16.51 |
| TOTAL OBS. | 591 | 571 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 717 | 651 | 800 |
| MEAN | 17.5 | 12.5 | 21.7 | 25.5 | 39.4 | 47.3 | 51.3 | 51.9 | 45.7 | 33.1 | 25.2 | 17.4 | 32.0 |
| S.D. | 13.6 | 315.51111.78 | 9.337 | 6.533 | 7.111 | 5.734 | 5.924 | 5.347 | 6.923 | 6.151 | 12.570 | 16.55 | |
| TOTAL OBS. | 591 | 571 | 651 | 630 | 651 | 630 | 651 | 744 | 72 | 744 | 715 | 651 | 800 |
| MEAN | 17.5 | 11.4 | 20.9 | 23.2 | 36.7 | 46.6 | 50.6 | 51.2 | 45.0 | 32.5 | 24.6 | 17.0 | 32.0 |
| S.D. | 13.7 | 515.32111.914 | 9.371 | 6.231 | 5.937 | 5.507 | 5.737 | 5.319 | 6.976 | 6.198 | 12.444 | 16.44 | |
| TOTAL OBS. | 591 | 572 | 651 | 629 | 651 | 63 | 651 | 744 | 700 | 744 | 714 | 651 | 800 |
| MEAN | 17.5 | 11.4 | 20.5 | 24.0 | 37.3 | 45.0 | 49.2 | 44.5 | 43.7 | 31.7 | 24.7 | 16.6 | 31.0 |
| S.D. | 12.0 | 1715.47611.324 | 9.975 | 7.954 | 6.639 | 4.786 | 5.316 | 4.887 | 6.710 | 6.238 | 12.389 | 16.16 | |
| TOTAL OBS. | 591 | 544 | 651 | 630 | 651 | 630 | 651 | 744 | 700 | 744 | 714 | 651 | 800 |
| MEAN | 17.5 | 11.4 | 20.5 | 24.0 | 37.2 | 45.1 | 49.2 | 5.0 | 44.1 | 32.0 | 24.7 | 17.1 | 31.0 |
| S.D. | 12.5 | 415.65511.3 | 10.074 | 6.390 | 6.818 | 5.241 | 5.667 | 5.035 | 6.673 | 6.144 | 12.573 | 16.13 | |
| TOTAL OBS. | 2 | 4710 | 528 | 539 | 520 | 5143 | 5210 | 592 | 5760 | 5950 | 5729 | 5204 | 6422 |

GLOBAL CLIMATE SCIENCE
CLIMATE
CLIMATE SCIENCE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|-------------------|
| 1 | CAPE CORAL OF ALA |

77-34

YEARS

MONT

NAME

[illegible]

YEARS

77-54

MON

_____ 21
HOURS 11

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3

GENERAL CLIMATOLOGY MONTHLY
 MONTHLY
 AND WEATHER SERVICE/MAIL

PSYCHROMETRIC SUMM

STATION COPELTON, OKLAHOMA
 STATION NAME

1977-78

YEARS

MON

HOURS (L)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL
D.B./W.B. | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------------------|----------|----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb |
| 1-24 | | | | | | | | | | | | | | | | | | | |
| 1-27 | | | | | | | | | | | | | | | | | | | |
| 1-30 | | | | | | | | | | | | | | | | | | | |
| 1-31 | | | | | | | | | | | | | | | | | | | |
| 1-32 | | | | | | | | | | | | | | | | | | | |
| 1-33 | | | | | | | | | | | | | | | | | | | |
| 1-34 | | | | | | | | | | | | | | | | | | | |
| 1-35 | | | | | | | | | | | | | | | | | | | |
| 1-36 | | | | | | | | | | | | | | | | | | | |
| 1-37 | | | | | | | | | | | | | | | | | | | |
| 1-38 | | | | | | | | | | | | | | | | | | | |
| 1-39 | | | | | | | | | | | | | | | | | | | |
| 1-40 | | | | | | | | | | | | | | | | | | | |
| 1-41 | | | | | | | | | | | | | | | | | | | |
| 1-42 | | | | | | | | | | | | | | | | | | | |
| 1-43 | | | | | | | | | | | | | | | | | | | |
| 1-44 | | | | | | | | | | | | | | | | | | | |
| 1-45 | | | | | | | | | | | | | | | | | | | |
| 1-46 | | | | | | | | | | | | | | | | | | | |
| 1-47 | | | | | | | | | | | | | | | | | | | |
| 1-48 | | | | | | | | | | | | | | | | | | | |
| 1-49 | | | | | | | | | | | | | | | | | | | |
| 1-50 | | | | | | | | | | | | | | | | | | | |
| 1-51 | | | | | | | | | | | | | | | | | | | |
| 1-52 | | | | | | | | | | | | | | | | | | | |
| 1-53 | | | | | | | | | | | | | | | | | | | |
| 1-54 | | | | | | | | | | | | | | | | | | | |
| 1-55 | | | | | | | | | | | | | | | | | | | |
| 1-56 | | | | | | | | | | | | | | | | | | | |
| 1-57 | | | | | | | | | | | | | | | | | | | |
| 1-58 | | | | | | | | | | | | | | | | | | | |
| 1-59 | | | | | | | | | | | | | | | | | | | |
| 1-60 | | | | | | | | | | | | | | | | | | | |
| 1-61 | | | | | | | | | | | | | | | | | | | |
| 1-62 | | | | | | | | | | | | | | | | | | | |
| 1-63 | | | | | | | | | | | | | | | | | | | |
| 1-64 | | | | | | | | | | | | | | | | | | | |
| 1-65 | | | | | | | | | | | | | | | | | | | |
| 1-66 | | | | | | | | | | | | | | | | | | | |
| 1-67 | | | | | | | | | | | | | | | | | | | |
| 1-68 | | | | | | | | | | | | | | | | | | | |
| 1-69 | | | | | | | | | | | | | | | | | | | |
| 1-70 | | | | | | | | | | | | | | | | | | | |
| 1-71 | | | | | | | | | | | | | | | | | | | |
| 1-72 | | | | | | | | | | | | | | | | | | | |
| 1-73 | | | | | | | | | | | | | | | | | | | |
| 1-74 | | | | | | | | | | | | | | | | | | | |
| 1-75 | | | | | | | | | | | | | | | | | | | |
| 1-76 | | | | | | | | | | | | | | | | | | | |
| 1-77 | | | | | | | | | | | | | | | | | | | |
| 1-78 | | | | | | | | | | | | | | | | | | | |
| 1-79 | | | | | | | | | | | | | | | | | | | |
| 1-80 | | | | | | | | | | | | | | | | | | | |
| 1-81 | | | | | | | | | | | | | | | | | | | |
| 1-82 | | | | | | | | | | | | | | | | | | | |
| 1-83 | | | | | | | | | | | | | | | | | | | |
| 1-84 | | | | | | | | | | | | | | | | | | | |
| 1-85 | | | | | | | | | | | | | | | | | | | |
| 1-86 | | | | | | | | | | | | | | | | | | | |
| 1-87 | | | | | | | | | | | | | | | | | | | |
| 1-88 | | | | | | | | | | | | | | | | | | | |
| 1-89 | | | | | | | | | | | | | | | | | | | |
| 1-90 | | | | | | | | | | | | | | | | | | | |
| 1-91 | | | | | | | | | | | | | | | | | | | |
| 1-92 | | | | | | | | | | | | | | | | | | | |
| 1-93 | | | | | | | | | | | | | | | | | | | |
| 1-94 | | | | | | | | | | | | | | | | | | | |
| 1-95 | | | | | | | | | | | | | | | | | | | |
| 1-96 | | | | | | | | | | | | | | | | | | | |
| 1-97 | | | | | | | | | | | | | | | | | | | |
| 1-98 | | | | | | | | | | | | | | | | | | | |
| 1-99 | | | | | | | | | | | | | | | | | | | |
| 1-100 | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | |
| Rel. Hum. | 121.771 | 4.342 | 7.740 | 3.550 | 52.8 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | |
| Dry Bulb | 244.472 | 9.447 | 17.892 | 2.527 | 52.8 | ≤ 4.0 | 5.74 | | | | | | | | | | | | |
| Wet Bulb | 210.532 | 8.943 | 16.937 | 2.247 | 52.8 | ≤ 2.7 | 4.93 | | | | | | | | | | | | |
| Dew Point | 17.4447 | 7.575 | 11.304 | 2.47 | 52.8 | ≤ 2.7 | 7.21 | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL 61-14411-1054 - 200-

— 23 —

51-1167-40

STATION NAME

STATION

STATION NAME

2.

PSYCHROMETRIC SUMM

YEARS

3

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ |

USAFETAC FORM 0-26.5 (OLA) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFE

五

1. NAME: CLIMATELOGY, INC.
 2. ADDRESS:
 3. PHONE: 301/457-7540

PSYCHROMETRIC SUM

| | |
|---------|--------------|
| STATION | STATION NAME |
|---------|--------------|

11-52

YEARS

1

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

JETMET CLIMATOLOGY BRANCH
 DAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUM

17-120
STATION

CAPE ROMANOV AFS AK
STATION NAME

78-A4

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | |
| JUL | 03-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 95.1 | 77.3 | 45.6 | 97.3 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 99.8 | 98.9 | 95.4 | 79.3 | 44.2 | 97.4 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.3 | 94.8 | 80.8 | 45.8 | 88.3 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 97.6 | 90.9 | 78.6 | 47.0 | 97.1 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 96.0 | 89.9 | 72.2 | 37.5 | 85.0 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.7 | 98.9 | 96.0 | 87.4 | 66.5 | 32.3 | 83.6 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.4 | 88.2 | 67.1 | 32.7 | 84.1 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 93.7 | 73.3 | 35.5 | 86.0 |
| AUG | 01-03 | | | | | | | | | | |
| | 04-06 | | | | | | | | | | |
| | 09-11 | | | | | | | | | | |
| | 12-14 | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 97.9 | 91.9 | 74.4 | 39.9 | 86.1 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3
 CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70.120
 STATION

CAPE ROMANZOF AFS AK
 STATION NAME

77-84

PERIOD

AL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.5 | 77.7 | 45.0 | 87.5 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 95.0 | 76.0 | 43.6 | 87.3 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 96.1 | 80.5 | 44.2 | 87.9 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 92.9 | 72.3 | 40.5 | 86.5 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 90.1 | 64.5 | 33.7 | 84.5 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 91.3 | 61.6 | 29.2 | 83.9 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.2 | 95.3 | 66.8 | 33.1 | 85.3 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.9 | 75.9 | 39.9 | 87.0 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 94.3 | 71.9 | 38.7 | 86.2 |

USAFETAC

FORM
 JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

RELATIVE HUMID

70-120
STATION

CAPE ROMANOF AFS AK
STATION NAME

77-84

PERIOD

SF
MC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.2 | 94.4 | 66.5 | 33.6 | 85.1 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.8 | 91.8 | 68.9 | 34.6 | 84.9 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 91.3 | 72.1 | 36.5 | 85.4 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 90.3 | 67.5 | 32.6 | 84.7 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 86.4 | 59.6 | 26.0 | 83.0 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 | 83.3 | 56.1 | 24.0 | 82.2 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.3 | 87.9 | 60.1 | 28.1 | 83.2 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 99.2 | 93.8 | 64.6 | 29.9 | 84.4 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 89.9 | 64.4 | 30.8 | 84.1 |

USAFETAC

FORM
101 84

0-87-5 (OL A)

3

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMID

70 120
STATION

CAPE ROMANZOF AFS AK
STATION NAME

77-84

PERIOD

CF
MO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 89.1 | 62.8 | 21.9 | 92.9 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 87.9 | 63.4 | 23.3 | 93.0 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 90.6 | 65.6 | 26.2 | 93.6 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 89.9 | 65.2 | 24.9 | 93.2 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 88.4 | 61.2 | 21.5 | 92.6 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 88.3 | 58.6 | 19.8 | 92.1 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 89.6 | 61.3 | 23.6 | 92.9 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 89.5 | 62.3 | 23.4 | 93.0 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 89.2 | 62.6 | 23.1 | 92.9 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7.12.77
STATION

CAPE ROMANOF AFS AK
STATION NAME

77-84

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TC
NO
C |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|---------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 96.9 | 86.3 | 51.3 | 17.9 | 80.6 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 | 89.1 | 52.6 | 17.0 | 81.0 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 87.4 | 52.3 | 19.8 | 80.9 | |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.2 | 87.6 | 54.3 | 19.4 | 81.2 | |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.8 | 86.8 | 57.2 | 18.0 | 81.3 | |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 96.5 | 85.8 | 58.8 | 22.8 | 81.9 | |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 97.2 | 87.8 | 55.6 | 24.4 | 81.8 | |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.2 | 87.7 | 55.0 | 22.4 | 81.6 | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 87.3 | 54.6 | 20.2 | 81.3 | |

USAFETAC

FORM
JUL 84

0-87-5 (OL A)

RELATIVE HUMIDITY

DEC
MON

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | |
| D.F.C. | 00-02 | 100.0 | 100.0 | 99.8 | 99.2 | 96.7 | 96.0 | 74.2 | 41.2 | 13.4 | 77.5 |
| | 03-05 | 100.0 | 100.0 | 99.4 | 98.9 | 96.2 | 89.6 | 73.3 | 41.5 | 18.6 | 77.4 |
| | 06-08 | 100.0 | 100.0 | 99.5 | 98.3 | 95.5 | 88.8 | 74.5 | 41.3 | 19.5 | 77.4 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 97.8 | 95.2 | 88.6 | 75.6 | 45.0 | 19.0 | 77.6 |
| | 12-14 | 100.0 | 99.8 | 99.7 | 98.8 | 96.5 | 89.1 | 72.4 | 43.3 | 18.6 | 77.4 |
| | 15-17 | 100.0 | 100.0 | 99.5 | 98.2 | 94.9 | 87.9 | 73.4 | 44.7 | 20.4 | 77.3 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 98.3 | 95.4 | 89.1 | 74.0 | 41.0 | 18.3 | 77.2 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 96.8 | 89.6 | 73.7 | 41.5 | 19.8 | 77.7 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 98.6 | 95.9 | 89.1 | 73.9 | 42.4 | 19.0 | 77.4 |

3

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

127 CAPE ROMANZOF AFS AK
STATION

77-84

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.7 | 99.5 | 98.9 | 97.7 | 94.0 | 78.5 | 48.0 | 14.4 | 75.9 | 521 |
| FEB | | 100.0 | 100.0 | 99.9 | 98.6 | 93.6 | 84.3 | 60.2 | 33.1 | 12.2 | 73.6 | 461 |
| MAR | | 100.0 | 99.9 | 99.4 | 98.4 | 95.8 | 89.0 | 69.2 | 38.5 | 14.1 | 75.6 | 521 |
| APR | | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 94.8 | 80.1 | 48.9 | 21.1 | 80.0 | 501 |
| MAY | | 100.0 | 100.0 | 100.0 | 99.6 | 98.5 | 93.1 | 77.8 | 54.0 | 22.3 | 80.1 | 521 |
| JUN | | 100.0 | 100.0 | 100.0 | 99.5 | 97.2 | 93.5 | 84.6 | 61.5 | 33.7 | 82.9 | 501 |
| JUL | | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 97.9 | 91.9 | 74.4 | 39.9 | 86.1 | 521 |
| AUG | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 94.3 | 71.9 | 38.7 | 86.2 | 591 |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.6 | 89.9 | 64.4 | 30.8 | 84.1 | 571 |
| OCT | | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 89.2 | 62.6 | 23.1 | 82.9 | 591 |
| NOV | | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.1 | 87.3 | 54.6 | 20.2 | 81.3 | 571 |
| DEC | | 100.0 | 100.0 | 99.7 | 98.6 | 95.8 | 89.1 | 73.9 | 42.4 | 19.0 | 77.4 | 521 |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.5 | 98.0 | 94.1 | 81.4 | 54.5 | 24.5 | 80.8 | 641 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overa period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

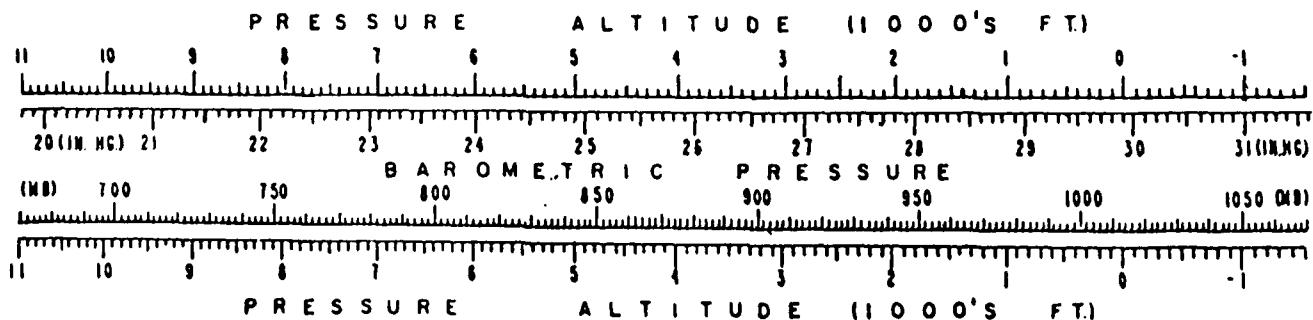
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



LOCAL CLIMATOLOGY BRANCH
AFETAC
AFMATERIALS SERVICE/AFAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|-----------|--|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--|
| HRS EST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| MEAN | | 29.1167 | 29.2347 | 29.1152 | 29.2372 | 29.2912 | 29.3322 | 29.3672 | 29.3312 | 29.2342 | 29.1762 | 29.2762 | 29.187 | 29.211 | |
| S D | | .476 | .439 | .498 | .339 | .246 | .234 | .176 | .233 | .372 | .366 | .363 | .486 | .356 | |
| TOTAL OBS | | 217 | 197 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2677 | |
| MEAN | | 29.1167 | 29.2427 | 29.1152 | 29.2352 | 29.2492 | 29.3322 | 29.3652 | 29.3272 | 29.2302 | 29.1712 | 29.2752 | 29.192 | 29.211 | |
| S D | | .476 | .434 | .503 | .369 | .241 | .232 | .171 | .234 | .374 | .366 | .361 | .487 | .356 | |
| TOTAL OBS | | 217 | 196 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2675 | |
| MEAN | | 29.1167 | 29.2352 | 29.1172 | 29.2342 | 29.2722 | 29.3262 | 29.3602 | 29.3192 | 29.2202 | 29.1132 | 29.2722 | 29.187 | 29.205 | |
| S D | | .476 | .434 | .503 | .311 | .241 | .232 | .173 | .236 | .310 | .364 | .362 | .486 | .356 | |
| TOTAL OBS | | 217 | 196 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2675 | |
| MEAN | | 29.1167 | 29.2352 | 29.1152 | 29.2342 | 29.2732 | 29.329 | 29.3652 | 29.3232 | 29.2302 | 29.1152 | 29.2722 | 29.187 | 29.207 | |
| S D | | .476 | .435 | .503 | .314 | .241 | .232 | .174 | .237 | .313 | .365 | .366 | .486 | .357 | |
| TOTAL OBS | | 217 | 197 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2677 | |
| MEAN | | 29.1167 | 29.2352 | 29.1252 | 29.2442 | 29.3012 | 29.3352 | 29.3732 | 29.3312 | 29.2352 | 29.1252 | 29.2752 | 29.198 | 29.216 | |
| S D | | .476 | .437 | .499 | .315 | .242 | .233 | .174 | .239 | .314 | .365 | .366 | .486 | .356 | |
| TOTAL OBS | | 217 | 196 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2675 | |
| MEAN | | 29.1167 | 29.2352 | 29.1232 | 29.2452 | 29.3012 | 29.3362 | 29.3772 | 29.3322 | 29.2362 | 29.1192 | 29.2772 | 29.194 | 29.214 | |
| S D | | .476 | .441 | .499 | .311 | .241 | .234 | .174 | .239 | .314 | .366 | .364 | .486 | .356 | |
| TOTAL OBS | | 217 | 196 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 239 | 217 | 2675 | |
| MEAN | | 29.1167 | 29.2262 | 29.1112 | 29.2362 | 29.2932 | 29.3312 | 29.3732 | 29.3272 | 29.2262 | 29.1122 | 29.2672 | 29.193 | 29.216 | |
| S D | | .476 | .443 | .511 | .317 | .243 | .232 | .175 | .237 | .312 | .366 | .367 | .475 | .356 | |
| TOTAL OBS | | 217 | 196 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 240 | 238 | 217 | 2677 | |
| MEAN | | 29.1112 | 29.2312 | 29.1112 | 29.2322 | 29.2902 | 29.3252 | 29.3642 | 29.3232 | 29.2252 | 29.1162 | 29.2712 | 29.195 | 29.216 | |
| S D | | .476 | .442 | .511 | .303 | .240 | .235 | .172 | .233 | .306 | .365 | .370 | .476 | .356 | |
| TOTAL OBS | | 217 | 198 | 217 | 210 | 217 | 210 | 217 | 248 | 240 | 247 | 238 | 217 | 2676 | |
| MEAN | | 29.1172 | 29.2342 | 29.1142 | 29.2362 | 29.2932 | 29.3312 | 29.3652 | 29.3262 | 29.2322 | 29.1192 | 29.2752 | 29.192 | 29.209 | |
| S D | | .476 | .437 | .503 | .304 | .241 | .233 | .172 | .236 | .307 | .365 | .364 | .483 | .357 | |
| TOTAL OBS | | 1734 | 1574 | 1736 | 1664 | 1736 | 1684 | 1736 | 1984 | 1924 | 1983 | 1914 | 1736 | 21413 | |
| ALL HOURS | | | | | | | | | | | | | | | |

USAF ETAC FORM OCT 75 0-89.5 (OLA)

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